CAPE OF GOOD HOPE.

REPORT

OF THE

Meteorological Commission

FOR THE

YEAR 1887.

Presented to both Houses of Parliament by command of His Excellency the Governor.

1888.

CAPE TOWN:
W. A. RICHARDS & SONS, GOVERNMENT PRINTERS.
1888.

[G. 35—'88.]

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Table Mountain	W. E. Fry, Esq.	19
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Thibet Park	J. G. Frost, Esq.	29
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REPORT OF THE METEOROLOGICAL COMMISSION FOR THE YEAR 1887.

10th April, 1888.

To the Honourable the Colonial Secretary.

Sir,—The present Report contains the results of the meteorological observations made under the direction of the Commission during the year 1887.

The instruments provided for the stations are a barometer, dry and wet bulb thermometers, a maximum and a minimum thermometer, and a rain-gauge. In addition to the principal stations, all gaols, railway stations, and a number of private observers have been supplied with rain-gauges by the Crown Lands Department under the advice of the Commission. The Report also includes any observations made by private observers which appear sufficiently trustworthy.

New instruments have been supplied during the year as follows :—

A full set to J. Logan, Esq., Matjesfontein.
Conservator of Forests, King William's Town.
Messrs. Smith and Buxton, Fraserburg.

Marine Barometers in place of Siphon to

A. Brown, Esq., Aliwal North.
D. Craib, Esq., M.A., Somerset East.
Lightkeeper, Cape St. Francis, in place of one broken.

Rain-gauges to

Rev. H. E. Morris, Claremont.
H. C. Schunke, Esq., Dolemont.
Resident Magistrate, Qumbu.
Capt. Whindus, Port St. John's.
P. Fletcher, Esq., Millwood.
Resident Magistrate, Cala.
W. Townsend, Esq., Good Hope, Fraserburg.
The Gaoler, Britstown.
The Gaoler, Philipstown.
F. Dormer, Esq., The Grotto, Rondebosch.
J. Trollip, Esq., Dagga Boer's Nek, Cradock.
A. Erda, Esq., Brand Vley, Calvinia.
Resident Magistrate, Steynsburg.
Bridge-keeper, Bethulie Bridge.
Rev. C. D. Helm, Matabeleland.
Forest Department, Knysna (5 gauges).
J. M. Orpen, Esq., Avoca, New England.
Resident Magistrate, Victoria East.
W. E. Murray, Esq., Roodebloem, Graaff-Reinet.
Messrs. Maasdorp, Winterhoek, Graaff-Reinet.
Forest Department, King William's Town.
J. Joubert, Esq., De Kruis, Murraysburg.

The observations at the Royal Observatory are made at 8h. a.m. and 1h. 22m. p.m. The observations at 1h. 22m. are part of a comprehensive scheme instituted by the War Department of the United States, and are taken at the same absolute time at many stations all over the world. This series of observations has been fruitful in increasing our knowledge of meteorology.

At the Royal Observatory there are three sets of thermometers, one of which is placed in a crib attached to a window on the south side of the Observatory, two in the grounds (one on a Glaisher's stand, and the other in a Stevenson's screen). The results from all these sets are given.

From the observed differences of the dry and wet bulb, thermometers, the humidity of the air, dew point, and tension of the vapour of water in the air, can be obtained by the use of Greenwich factors.

The annexed Tables contain :—

A. For stations provided with a full set of instruments :—

(1). The monthly and yearly means of

(*a*) The height of the Barometer corrected to 32° Fah.
(*b*) The temperature of the air (dry bulb).
(*c*) The temperature of the wet bulb thermometer.
(*d*) The maximum and minimum temperatures.
(*e*) The amount of cloud so far as given by observers.

(2). The highest and lowest temperatures recorded in each month.

(3). The monthly and yearly rainfall, and the number of days in each month on which rain fell.

B. For all stations from which complete rainfall returns have been received.

The monthly and yearly rainfall and the number of days on which rain fell and when known the height of the station above the sea level.

[A day on which rain fell is considered to be one upon which at least 0·03 inches was recorded.]

Self-recording anemometers have been fixed at the Royal Observatory, at Port Elizabeth, and at East London, and are working well. The records are filed at the Royal Observatory, but arrangements have not been made as yet for reducing the curves.

In the column for cloud, 10 would represent a sky completely clouded. The readings of the barometer are not reduced to sea level. All the instruments, the returns of which are included in the annexure, have been carefully compared with the Observatory standards, and the corrections for index errors applied.

The set of recording thermometers worked by electricity, and called a thermograph, was subjected to a year's satisfactory trial at the Royal Observatory, it was then erected at Van Wyk's Vley, in the Carnarvon District, and careful observations were taken for two years by Mr. G. Alston. It has now been removed to King William's Town, and is under the charge of Mr. D. E. Hutchins, the Conservator of Forests. By means of these thermometers a record of the temperature at every hour of the day and night is obtained.

The annual inspection of stations, originally provided for in 1879, has been regularly maintained; and the whole service has assumed a satisfactory character.

The observations at the Royal Observatory are communicated by permission of the Lords Commissioners of the Admiralty. The observations at the stations in the Orange Free State are forwarded to the Commission by the Superintendent-General of Education, the Rev. J. Brebner, M.A.

The Commission has organised simultaneous observations at 8 a.m. and 8 p.m. Cape mean time, of barometer, temperature, and wind, at Clanwilliam, the Royal Observatory, Cape Point, Cape L'Agulhas, Mossel Bay, Cape St. Francis, Port Elizabeth, Port Alfred, East London, and Durban (Natal). These are telegraphed every morning to the Secretary, who at once reduces them to 32° Fah. and sea level, and corrects them for index error. Wind and temperature observations from Matjesfontein, Graham's Town, Aliwal North, Umtata, have recently been added. At 10 a.m. he sends a corrected list of them all to each coast port, where they are entered on a sketch map of the coast line for the information of ship-captains and others. It is hoped that an inspection of these maps may lead to the discovery of some of the laws governing the coast weather, or at any rate the path of storm centres, and that in time the Commission may be able to issue storm warnings.

The Commission regrets that it has not felt itself warranted in publishing any registers of temperature or barometric pressure which are not complete, *e.g.*, those from Bishop's Court, Matjesfontein, Delemont, Umtata, Oudtshoorn, Fraserburg, Stellenbosch College, Huguenot Seminary, Wellington, King William's Town, the Zwartberg and Sea Point.

The standing tables of corrections and reductions have also been omitted. Anyone who wishes to use such tables is referred to the Report for 1884 or to that for 1883. Neither the humidity nor dew point has been calculated; anyone wishing to calculate these is referred to *Hygrometrical Tables by James Glaisher, F.R.S.*, published by Taylor and Francis, price 2s. 6d., or to the tables given in most works on Meteorology.

The Commission, in closing this Report, desires to record its thanks to the observers who have carried on the observations. It is authorised to present to observers

the instruments with which they have made a series of satisfactory observations for a continuous period of five years. Observers who desire to take advantage of this offer should apply in writing to the Secretary.

A statement of the receipts and expenditure during the year 1887 is annexed.

C. ABERCROMBIE SMITH,
Chairman.

NOTE A.—The various means given in this Report for the Barometer, Thermometer, &c., are the means of the Readings at the time of observation, but they do not represent the true mean values, owing to the existence of diurnal and semi-diurnal inequalities in the temperature, &c. Corrections, therefore, have to be applied to the results of the Report, varying according to the hours of observation. There is no material available for the deduction of such corrections generally throughout the Colony, but they have been deduced for the Royal Observatory, and published by Mr. Stone in 1871, from hourly observations made in the years 1841 to 1846. The Thermograph will enable similar corrections to be deduced for Van Wyk's Vley and King William's Town.

MEMBERS OF THE COMMISSION.

THE HONOURABLE C. ABERCROMBIE SMITH, M.A., Chairman.
THE HONOURABLE W. GUYBON ATHERSTONE, M.D., M.L.C.
W. H. FINLAY, ESQ., M.A., F.R.A.S.
J. G. GAMBLE, ESQ., M.A., M. INST. C.E., F.R. MET. S.
DAVID GILL, ESQ., LL.D., F.R.S., F.R.A.S., Astronomer-Royal.
W. M. GRIER, ESQ., M. INST. C.E., Chief Inspector of Public Works.
F. GUTHRIE, ESQ., LL.B.
G. W. H. MACLEAR, ESQ., F.R.A.S.

W. ELLERTON FRY,
Secretary.

METEOROLOGICAL COMMISSION, CAPE OF GOOD HOPE.

Account Current of Receipts and Disbursements for the Year ended 31st December, 1887.

Dr. Cr.

1887.			£	s.	d.	£	s.	d.	1887.		£	s.	d.	£	s.	d.
Jan.	1	To balance				63	18	5	By Salaries		223	0	0			
„	28	„ Part of Parliamentary Grant, 1886–87..	100	0	0				„ Instruments purchased and repaired		70	13	10			
April	25	„ „ „ 1886–87..	100	0	0				„ Inspection of Stations and Travelling on Duty		171	10	10			
May	26	„ Balance „ 1886–87..	100	0	0				„ Erecting Cribs, &c.		19	3	2			
Aug.	3	„ Amount paid by S. Woolven for instruments damaged in transport	4	4	0				„ Erection, &c., of Thermograph at King William's Town ..		12	9	8			
„	16	„ Part of Parliamentary Grant, 1887–88..	100	0	0				„ Photographic Appliances purchased		7	16	0			
Oct.	20	„ „ „ „ „	100	0	0				„ Contingencies,—Petty Expenses ..		25	9	1			
						504	4	0						530	2	7
									„ Balance—In Bank ..	32 1 1						
									Less due to Secretary ..	1 5 6						
											30	15	7			
									Advance to P. W. Dept.		7	4	3			
														37	19	10
						£568	2	5						£568	2	5

Cape Town, 10th April, 1888.

C. ABERCROMBIE SMITH, Chairman.

SECRETARY'S REPORT OF THE INSPECTION OF STATIONS, 1887.

Swellendam.—The barometer at this Station had been accidentally broken. The Stevenson screen containing the thermometer had been blown down, breaking the dry and wet bulb thermometers. These instruments have not been replaced, as the observer is unable to continue the observations.

Mossel Bay.—All the instruments were in good order, and the readings are carefully recorded.

Oudtshoorn.—The thermometer screen required painting and other repairs; the wet bulb thermometer was in a very bad state: the lower arm of the Siphon barometer was difficult to read on account of dust that had collected there, and generally the instruments were in bad order. Another observer has taken charge of the instruments.

Zwaartberg Pass.—The thermometers in the Stevenson screen at the top of this Pass were well exposed and in good order.

Prince Albert.—All the instruments, with the exception of the wet bulb, were in good order.

Matjesfontein.—I fixed the barometer that I had brought with me. A Stevénson screen and thermometer have since been sent. Readings are regularly taken at 8 a.m., C.M.T., and transmitted daily to Cape Town in connection with the simultaneous coast readings.

Brakfontein.—The barometer was in a bad light, and was not easily readable. The Stevenson screen was not well exposed, a promise was made that it should be removed to a place which I pointed out. I fixed the barometer in a better place. The instruments otherwise were in good order and the readings are carefully recorded.

Fraserburg.—No observations have been taken here for some time. Arrangements were made for a set of thermometers to be sent here, records from which have since been received.

Aliwal North.—All the instruments were in good order. The Stevenson screen required painting and other repairs, this has since been done. I exchanged the Siphon barometer for a Marine barometer that I had brought with me.

Cape St. Francis.—The instruments at the Lighthouse were all in good order. The Stevenson screen required painting, and this has since been done.

Ceres.—All the instruments were in good order, and the observations are carefully recorded.

Wellington.—The instruments were all in good order.

Stellenbosch.—The instruments at the College were not being observed; arrangements have since been made for the observations to be continued.

Rain-gauge Stations.

The rain-gauges at the following places were in good order, and were well exposed. At some, however, the stands upon which the gauges were fixed were in a bad state of repair. These stands have since been repaired.

Somerset West, Houw Hoek, Caledon, Swellendam, Heidelberg, Riversdale, Mossel Bay, George, Oudtshoorn Gaol, Zwaartberg, Prince Albert, Prince Albert Road, Matjesfontein, Sutherland, Fraserburg, Wagenaar's Kraal, Victoria West, Richmond, Hanover, Colesberg, Colesberg Bridge, Burghersdorp, Aliwal North, Steynsburg, Middelburg, Naauwpoort Junction, Fraserburg Road, Touws River, Humansdorp, Cape St. Francis, Paarl, Wellington, Tulbagh, Ceres, Stellenbosch.

At Venterstadt the gauge was found on its side; it has since been removed to the gaol.

At Brakfontein the gauge was sheltered by trees, it has since been removed to a better position.

At Oudtshoorn the gauge was on the ground instead of in its stand; the ground, too, upon which it rested, was not level. Another observer has taken over the instruments.

SUMMARIES OF METEOROLOGICAL OBSERVATIONS.

Royal Observatory. Latitude, 33° 56′ South; Longitude, 18° 29′ East.
Distance from Coast, about 2 miles. Taken at 8 a.m.

1887.	Barometer corrected to 32° F.	THERMOMETERS IN WINDOW SCREEN.						Rainfall in Inches.	Number of days on which rain fell.	Cloud 0—10.
		Dry Bulb.	Wet Bulb.	Self-Registering.						
				Mean Maximum.	Mean Minimum.	Absolute Maximum.	Absolute Minimum.			
	Inches.	o	o	o	o	o	o			
Jan. ..	29·932	66·0	59·1	75·3	57·5	93·3	51·0	1·49	5	3·4
Feb. ..	29·942	65·8	60·2	76·1	60·3	87·3	55·0	0·21	3	3·1
March ..	29·987	63·7	59·6	74·3	58·7	90·0	46·5	0·26	5	3·5
April ..	30·066	57·9	54·9	68·1	53·7	80·2	43·9	2·13	5	4·0
May ..	30·093	55·3	54·8	65·9	51·7	80·3	39·0	4·01	10	5·9
June ..	30·144	51·4	49·5	62·4	49·3	73·5	38·0	2·78	8	4·4
July ..	30·161	51·0	49·5	58·1	48·5	63·0	40·1	2·90	16	7·3
August ..	30·099	51·6	53·8	60·0	49·5	71·8	38·2	3·98	12	5·2
Sept. ..	30·139	57·6	54·5	68·3	52·0	81·8	45·0	0·88	4	4·7
Oct. ..	30·043	58·1	54·6	66·0	51·7	85·0	41·0	2·85	10	6·3
Nov. ..	30·010	64·6	59·4	74·8	57·8	92·2	54·0	0·77	4	4·3
Dec. ..	29·987	64·2	59·5	72·7	57·5	86·4	50·3	0·82	8	4·8
Means ..	30·050	58·9	55·8	68·5	54·0	..	..	Sums = 23·08	90	4·7

Royal Observatory. Latitude, 33° 56′ South; Longitude, 18° 29′ East.
Distance from Coast, about 2 miles. Taken at 1·22 p.m.

1887.	Barometer corrected to 32° F.	THERMOMETERS IN WINDOW SCREEN.						Rainfall in Inches.	Number of days on which rain fell.	Cloud 0—10.
		Dry Bulb.	Wet Bulb.	Self-Registering.						
				Mean Maximum.	Mean Minimum.	Absolute Maximum.	Absolute Minimum.			
	Inches.	o	o	o	o	o	o			
Jan. ..	29·914	73·7	61·8	75·3	57·5	93·3	51·0	1·49	5	1·6
Feb. ..	29·920	74·7	64·5	76·1	60·3	87·3	55·0	0·21	3	2·6
March ..	29·963	72·1	63·7	74·3	58·7	90·0	46·5	0·26	5	3·5
April ..	30·032	66·8	59·6	68·1	53·7	80·2	43·9	2·13	5	3·9
May ..	30·065	64·5	58·3	65·9	51·7	80·3	39·0	4 01	10	3·6
June ..	30·108	61·1	55·7	62·4	49·3	73·5	38·0	2·78	8	2·3
July ..	30·128	57·5	54·4	58·1	48·5	63·0	40·1	2·90	16	5·9
August ..	30·070	58·7	53·9	60·0	49·5	71·8	38·2	3·98	12	5·7
Sept. ..	30·098	66·4	58·9	68·3	52·0	85·0	41·0	0·88	4	2·9
Oct. ..	30·012	64·4	57·5	66·0	51·7	85·0	41·0	2·85	10	4·7
Nov. ..	29·978	72·0	62·8	74·8	57·8	92·2	54·0	0·77	4	1·7
Dec. ..	26·962	71·9	62·6	72·7	57·5	86·4	50·3	0·82	8	2·8
Means ..	30·021	67·0	57·8	68·5	54·0	..	..	Sums = 23 08	90	3·4

ROYAL OBSERVATORY.

Taken at 8 a.m. Taken at 1·22 p.m.

1887.	THERMOMETERS IN A STEVENSON SCREEN.						THERMOMETERS IN A STEVENSON SCREEN.					
			SELF-REGISTERING.						SELF-REGISTERING.			
	Dry Bulb.	Wet Bulb.	Mean Maximum.	Mean Minimum.	Absolute Maximum.	Absolute Minimum.	Dry Bulb.	Wet Bulb.	Mean Maximum.	Mean Minimum.	Absolute Maximum.	Absolute Minimum.
	°	°	°	°	°	°	°	°	°	°	°	°
January ..	68·0	60·7	81·6	57·9	103·5	48·8	79·7	64·2	81·6	57·9	103·5	48·8
February ..	67·0	61·3	83·1	59·0	98·4	51·5	81·5	68·3	83·1	59·0	98·4	51·5
March ..	64·1	59·8	81·1	56·4	101·3	44·3	78·1	67·3	81·1	56·4	101·3	44·3
April ..	57·4	54·5	73·6	51·1	87·9	40·0	71·7	63·0	73·6	51·1	87·9	40·0
May ..	54·3	52·4	70·9	49·3	88·9	34·9	69·8	62·2	70·9	49·3	88·9	34·9
June ..	50·4	48·9	66·7	46·6	79·8	33·1	65·9	59·6	66·7	46·6	79·8	33·1
July ..	50·1	48·8	61·3	46·3	70·0	37·0	60·2	56·4	61·3	46·3	70·0	37·0
August ..	50·8	49·1	63·5	46·5	77·2	33·7	62·0	56·7	63·5	46·5	77·2	33·7
September ..	57·2	54·6	73·7	48·9	90·0	42·0	72·1	61·9	73·7	48·9	90·0	40·2
October ..	58·7	55·3	70·4	49·3	93·0	37·0	68·6	60·2	70·4	49·3	93·0	37·0
November ..	66·4	60·9	80·9	54·5	98·2	50·1	78·5	67·0	80·9	54·5	98·2	50·0
December ..	66·2	60·8	78·2	55·7	97·0	45·2	79·6	66·5	78·2	55·7	97·0	45·2
Means ..	59·2	55·6	73·8	51·8	..	..	72·3	62·8	73·8	51·8	..	..

Taken at 8 a.m. Taken at 1·22 p.m.

1887.	THERMOMETERS ON A GLAISHER STAND.						THERMOMETERS ON A GLAISHER STAND.					
			SELF-REGISTERING.						SELF-REGISTERING.			
	Dry Bulb.	Wet Bulb.	Mean Maximum.	Mean Minimum.	Absolute Maximum.	Absolute Minimum.	Dry Bulb.	Wet Bulb.	Mean Maximum	Mean Minimum.	Absolute Maximum.	Absolute Minimum.
	°	°	°	°	°	°	°	°	°	°	°	°
January ..	69·2	61·0	85·2	56·6	107·8	48·3	82·2	66·7	85·2	56·6	107·8	48·3
February ..	67·9	61·3	86·4	57·7	101·4	50·5	84·2	69·8	86·4	57·7	101·4	50·5
March ..	65·1	59·7	83·9	55·6	104·7	41·5	79·6	67·3	83·9	55·6	104·7	41·5
April ..	57·6	54·1	75·4	50·0	89·1	39·8	72·3	62·0	75·4	50·0	89·1	39·8
May ..	51·3	52·0	71·6	47·6	89·0	33·9	69·5	61·1	71·6	47·6	89·0	33·9
June ..	50·0	48·4	66·8	45·3	79·3	32·0	65·0	58·8	66·8	45·3	79·3	32·0
July ..	49·8	48·3	62·4	44·7	71·2	35·5	60·2	56·2	62·4	44·7	71·2	35·5
August ..	50·7	48·8	64·7	44·7	78·4	32·3	62·1	56·7	64·7	44·7	78·4	32·3
September ..	57·5	54·0	74·9	46·5	90·2	38·5	72·8	61·5	74·9	46·5	90·2	38·5
October ..	59·2	55·2	72·9	47·5	94·7	34·8	69·8	59·9	72·9	47·5	94·7	34·8
November ..	67·2	60·9	83·3	55·3	101·2	49·2	79·9	67·3	83·8	55·3	101·2	49·2
December ..	68·0	60·5	80·9	54·5	99·8	44·9	82·9	67·8	80·9	54·5	99·8	44·9
Means ..	59·7	55·3	75·7	50·5	..	..	73·4	62·9	75·7	50·5	..	..

SUMMARIES OF METEOROLOGICAL OBSERVATIONS—*continued.*

Aliwal North. Latitude, 30° 43′ South; Longitude, 26° 43′ East Distance from Coast, about 180 miles. Taken at 8 a.m., C.M.T.

1887.	Barometer corrected to 32° F.	THERMOMETERS IN A STEVENSON SCREEN.						Rainfall in Inches.	Number of days on which rain fell.	Cloud. 0—10.
		Dry Bulb.	Wet Bulb.	Self-Registering.						
				Mean Maximum.	Mean Minimum.	Absolute Maximum.	Absolute Minimum.			
	Inches.	°	°	°	°	°	°			
Jan. ..	25·656	71·5	62·1	86·4	54·9	92·5	45·0	2·15	8	2·5
Feb. ..	25·701	66·3	61·2	81·2	54·9	92·0	40·0	7·45	15	5·4
March ..	25·712	62·0	58·1	77·9	51·3	86·0	32·0	3·91	13	4·2
April ..	25·797	54·1	50·4	71·8	41·5	81·0	27·5	2·60	8	3·7
May ..	25·852	45·6	43·4	63·8	35·9	73·0	26·5	1·97	7	3·0
June ..	25·907	40·6	39·6	61·8	30·1	66·5	21·5	0·10	1	4·8
July ..	25·856	41·3	38·8	60·4	33·0	71·0	20·0	2·28	4	3·9
Aug. ..	25·807	45·0	42·0	61·8	34·0	75·0	20·0	2·37	9	4·9
Sept. ..	25·832	56·4	49·6	75·2	41·3	87·0	30·0	0·43	2	2·6
Oct. ..	25·759	63·9	55·3	78·6	46·2	86·0	35·5	1·02	6	4·2
Nov. ..	25·732	65·9	56·9	79·4	49·1	92·5	38·5	1·85	7	4·5
Dec. ..	25·697	69·1	60·7	82·7	51·8	92·0	36·0	2·99	10	3·4
Means ..	25·780	56·8	51·5	73·4	43·7	..	..	Sums = 29·12	90	3·9

Bloemfontein, O. F. State. Latitude, 28° 56′ South; Longitude, 26° 18′ East. Distance from Coast, about 290 miles. Taken at 9 a.m. local time.

Jan. ..	25·509	73·7	61·4	88·1	58·7	93·0	45·5	1·05	6	2·6
Feb. ..	25·548	70·0	62·6	84·8	59·5	94·0	46·0	4·65	9	4·3
March ..	25·601	65·7	60·0	80·1	53·9	89·0	37·0	2·95	12	3·6
April ..	25·648	58·5	53·1	71·7	47·0	84·0	31·0	4·17	13	3·3
May ..	25·657	51·9	47·4	64·6	38·8	75·0	28·0	1·57	6	2·3
June ..	25·694	48·6	43·4	63·3	34·1	68·0	24·0	0·02	0	2·1
July ..	25·637	46·5	41·9	65·3	33·7	78·0	23·0	1·02	2	1·6
Aug. ..	25·602	50·4	44·0	65·3	37·0	80·5	22·0	1·11	4	2·3
Sept. ..	25·629	62·2	52·2	77·8	42·1	87·0	34·0	0·46	2	1·2
Oct. ..	25·559	68·2	57·5	82·4	49·6	90·0	34·0	1·39	6	2·7
Nov. ..	25·536	69·9	59·7	83·9	53·5	96·0	40·0	0·58	4	2·6
Dec. ..	25·512	70·2	61·5	84·8	56·8	92·0	40·0	2·47	7	3·3
Means ..	25·594	61·3	53·7	76·0	47·1	..	..	Sums = 21·44	71	2·7

Brakfontein. Latitude, 31° 52′ South; Longitude, 23° 0′ East. Distance from Coast, about 130 miles. Taken at 8 a.m. local time.

Jan. ..	26·013	68·4	60·2	86·4	53·6	99·0	41·0	0·91	4	1·5
Feb. ..	26·035	64·9	60·0	84·3	54·7	96·0	38·0	1·72	7	3·5
March ..	26·100	67·4	54·2	78·6	49·3	90·0	33·0	2·66	6	2·8
April ..	26·135	51·6	48·0	71·3	42·8	83·0	28·0	1·20	5	4·1
May ..	26·205	44·2	42·0	63·8	36·2	74·0	21·0	0·81	5	3·7
June ..	26·257	39·5	36·0	62·2	31·1	68·0	18·0	0·00	0	2·8
July ..	26·195	36·4	33·4	60·0	25·1	70·0	14·0	0·32	1	1·7
Aug. ..	26·046	42·6	38·4	62·2	32·4	75·0	17·0	0·94	7	4·3
Sept. ..	26·219	52·0	46·2	73·5	36·9	90·0	28·0	0·12	1	2·0
Oct. ..	26·088	57·9	55·1	76·0	44·3	88·0	29·0	0·18	2	4·2
Nov. ..	26·067	61·1	56·4	77·3	48·3	96·0	36·0	0·59	3	3·8
Dec. ..	26·011	64·2	58·5	83·0	50·9	95·0	38·0	0·44	1	2·8
Means ..	26·114	54·2	49·0	73·2	42·1	..	..	Sums = 9·89	42	3·1

SUMMARIES OF METEOROLOGICAL OBSERVATIONS—*continued.*

Cape L'Agulhas. Latitude, 34° 50′ South; Longitude, 20° 0′ East Coast station. Taken at 8 a.m., C.M.T.

1887.	Barometer corrected to 32° F.	Thermometers in a Stevenson screen.						Rainfall in Inches.	Number of days on which rain fell.	Cloud 0—10.
		Dry Bulb.	Wet Bulb.	Self-Registering.						
				Mean Maximum.	Mean Minimum.	Absolute Maximum.	Absolute Minimum.			
	Inches.	°	°	°	°	°	°			
Jan. ..	29·944	66·3	61·9	70·8	60·7	81·0	51·0	1·45	4	6·5
Feb. ..	29·972	65·8	63·1	69·8	62·0	75·0	56·0	0·27	3	6·9
March ..	30·006	64·8	62·4	67·6	60·1	72·0	52·0	0·87	10	7·3
April ..	30·077	60·9	59·3	64·4	57·2	74·0	47·0	1·84	7	7·0
May ..	30·075	58·0	56·4	63·8	54·8	87·0	48·0	1·83	7	7·2
June ..	30·138	54·8	53·0	62·4	51·9	80·0	44·0	0·27	2	5·9
July ..	30·120	53·6	51·6	59·7	50·8	68·0	44·0	2·21	12	6·7
Aug. ..	30·062	54·7	52·7	59·7	52·2	88·0	37·0	3·55	9	6·5
Sept. ..	30·126	59·9	56·9	64·1	55·7	83·0	49·0	0·46	2	5·1
Oct. ..	30·000	59·8	56·4	63·2	55·5	70·0	47·0	1·28	8	7·0
Nov. ..	30·043	63·6	60·8	66·8	60·8	77·0	56·0	0·18	2	6·9
Dec. ..	29·959	65·6	62·6	69·1	59·8	73·0	51·0	0·30	3	7·1
Means ..	30·044	60·7	58·1	65·1	56·8	..	..	Sums = 14·54	69	6·7

Cape St. Francis. Latitude, 34° 10′ South; Longitude, 25° 50′ East. Coast Station. Taken at 8 a.m., C.M.T.

Jan. ..	29·975	66·8	65·2	70·0	58·1	81·0	50·0	1·17	5	4·5
Feb. ..	30·029	65·4	64·2	69·3	60·8	75·2	56·0	0·89	5	5·8
March ..	30·049	63·1	62·2	67·3	58·3	71·5	50·0	1·90	10	4·9
April ..	30·112	61·1	60·1	66·5	56·9	71·0	48·5	5·59	11	4·8
May ..	30·141	59·4	57·0	63·8	53·8	78·0	45·5	2·08	9	4·4
June ..	30·209	56·9	54·8	64·4	50·6	79·0	42·5	0·39	2	2·7
July ..	30·170	53·9	53·2	61·4	48·6	69·5	41·5	2·26	12	3·9
Aug. ..	bar. broken	57·1	56·7	63·0	51·5	82·0	41·0	3·49	14	4·9
Sept. ..	30·260	59·9	58·1	64·3	54·2	69·5	45·5	0·16	2	3·7
Oct. ..	30·040	61·6	60·8	65·1	54·8	69·0	47·5	1·83	10	4·8
Nov. ..	30·082	66·7	60·6	64·8	55·5	74·0	51·0	1·43	7	4·5
Dec. ..	29·984	65·1	64·2	68·6	59·2	74·0	54·0	0·95	7	4·3
Means ..	..	61·4	59·8	65·7	55·2	..	..	Sums = 22·14	94	4·4

Ceres. Latitude, 33° 22′ South; Longitude, 19° 20′ East. Distance from Coast, about 55 miles. Taken at 8 a.m., local time.

Jan. ..	28·420	69·9	60·3	88·5	56·5	98·5	46·0	0·92	3	..
Feb. ..	28·418	69·0	61·5	85·0	55·7	96·0	43·0	0·00	0	..
March ..	28·433	64·7	58·9	81·6	51·9	94·0	36·0	0·48	4	..
April ..	28·502	52·5	50·2	72·5	41·7	92·0	30·0	5·07	8	..
May ..	28·538	46·0	45·1	67·1	36·0	80·0	27·0	5·17	9	..
June ..	28·611	39·1	38·7	65·4	33·9	74·0	25·0	1·31	4	..
July ..	28·588	39·5	*	58·3	33·6	69·0	28·0	6·84	11	..
Aug. ..	28·522	41·5	40·0	60·9	35·7	77·0	26·0	5·26	9	..
Sept. ..	28·552	50·5	49·0	70·7	40·5	89·0	31·0	1·71	3	..
Oct. ..	28·460	54·9	52·7	67·0	44·6	89·0	35·0	6·33	9	..
Nov. ..	28·451	66·3	60·9	81·3	51·8	96·0	44·0	0·75	3	..
Dec. ..	28·429	65·7	60·5	78·7	49·8	93·0	44·0	1·36	6	..
Means ..	28·494	55·0	..	73·1	44·3	..	..	Sums = 35·23	69	..

* Wet Bulb often frozen.

SUMMARIES OF METEOROLOGICAL OBSERVATIONS—*continued.*

Clanwilliam. Latitude, 32° 10′ South; Longitude, 18° 53′ East. Distance from Coast, about 30 miles. Taken at 8 a.m., C.M.T.

1887.	Barometer corrected to 32° F.	THERMOMETERS IN A STEVENSON SCREEN.						Rainfall in Inches.	Number of days on which rain fell.	Cloud. 0—10
		Dry Bulb.	Wet Bulb.	Self-Registering.						
				Mean Maximum.	Mean Minimum.	Absolute Maximum.	Absolute. Minimum.			
	inches.	o	o	o	o	o	o			
Jan. ..	29·686	72·6	62·9	91·6	56·4	107·5	42·0	0·04	1	2·0
Feb. ..	29·702	71·8	63·1	92·5	58·4	104·5	49·0	0·15	2	2·3
March ..	29·741	68·5	61·5	91·1	57·6	103·5	44·5	0·66	2	3·0
April ..	29·955	61·4	55·4	82·7	49·7	99·5	37·0	1·18	4	2·9
May ..	29·919	57·3	53·0	77·0	49·2	89·5	36·0	1·13	5	4·8
June ..	29·946	51·7	47·8	73·7	41·6	84·0	31·0	0·14	2	3·2
July ..	29·965	45·5	44·2	66·0	38·2	76·0	30·5	1·17	7	5·3
Aug. ..	29·868	50·4	47·4	68·6	40·9	89·0	32·0	1·57	8	5·1
Sept. ..	29·894	61·2	55·4	82·7	44·4	104·5	39·0	0·46	1	3·0
Oct. ..	29·802	62·4	54·5	75·8	50·0	99·0	40·0	1·44	6	4·0
Nov. ..	29·752	72·8	62·0	88·5	54·8	103·0	48·0	0·11	3	2·8
Dec. ..	29·749	71·4	62·2	86·8	53·6	102·0	46·0	0·02	1	2·7
Means ..	29·832	62·2	55·8	81·4	49·6	..	..	Sums = 8·07	42	3·4

High Constantia. Latitude, 34° 10′ South; Longitude, 18° 25′ East. Distance from Coast, about 4 miles. Taken at 8 a.m., C.M.T.

Jan. ..	..	64·8	60·4	72·7	55·9	89·0	48·0	1·23	4	..
Feb. ..	..	66·5	62·4	74·2	56·5	90·0	41·0	0·16	3	..
March ..	..	64·6	61·2	73·9	55·7	89·0	47·0	0·32	4	..
April ..	..	59·5	56·7	68·9	51·6	79·0	41·0	2·70	6	..
May ..	..	56·1	53·7	65·6	49·4	82·0	39·0	5·08	9	..
June ..	..	54·3	52·0	65·9	48·0	79·0	39·0	2·13	4	..
July ..	..	51·0	49·6	58·8	45·8	65·0	41·0	7·06	20	..
Aug. ..	..	52·9	51·3	61·5	52·3	77·0	47·0	4·87	15	..
Sept. ..	..	59·0	56·2	68·2	49·3	88·0	42·0	2·05	4	..
Oct. ..	..	58·2	55·6	65·0	50·0	76·0	49·0	5·66	10	..
Nov. ..	..	64·9	59·4	72·7	54·2	92·0	40·0	0·92	3	..
Dec. ..	..	64·5	59·7	71·8	56·4	84·0	49·0	2·14	12	..
Means ..	..	59·7	56·5	68·3	52·1	..	..	Sums = 34·32	94	..

Cradock. Latitude, 32° 11′ South; Longitude, 25° 38′ East. Distance from Coast, about 108 miles. Taken at 8 a.m., local time.

Jan. ..	27·037	68·7	61·1	87·9	54·7	101·0	44·0	0·48	5	2·0
Feb. ..	27·096	66·8	62·3	84·7	56·6	95·0	38·0	4·84	10	3·0
March ..	27·136	63·1	58·2	83·2	51·7	94·0	37·0	2·37	9	2·0
April ..	27·197	53·9	51·4	74·9	44·9	88·0	36·0	1·88	8	3·7
May ..	27·253	49·5	45·6	69·9	40·4	81·0	33·0	0·75	5	3·0
June ..	27·337	41·2	37·1	67·0	34·7	73·0	27·0	0·02	0	2·3
July ..	27·262	41·2	38·2	63·4	34·4	75·0	26·0	2·31	4	2·8
Aug. ..	27·189	44·8	41·8	65·8	37·9	80·0	26·0	1·72	8	3·0
Sept. ..	27·377	56·1	49·1	78·3	42·9	95·0	36·0	0·00	0	1·9
Oct. ..	27·104	62·5	54·4	81·6	46·9	95·0	33·0	0·14	1	3·6
Nov. ..	27·124	64·1	56·0	80·9	50·2	95·0	38·0	1·99	5	4·6
Dec. ..	27·036	67·1	58·6	84·2	53·2	99·0	41·0	0·84	4	2·7
Means ..	27·179	56·6	51·1	76·8	45·7	..	..	Sums = 17·34	59	2·9

SUMMARIES OF METEOROLOGICAL OBSERVATIONS—*continued.*

De Hoek, Uitenhage. Latitude, 33° 35′ South; Longitude, 24° 25′ East. Distance from Coast, about — miles. Taken at 8 a.m., local time.

1887.	Barometer corrected to 32° F.	THERMOMETERS IN A STEVENSON SCREEN.						Rainfall in Inches.	Number of days on which rain fell.	Cloud 0—10.
		Dry Bulb.	Wet Bulb.	Self-Registering.						
				Mean Maximum.	Mean Minimum.	Absolute Maximum.	Absolute Minimum.			
	Inches.	o	o	o	o	o	o			
Jan. ..	..	67·5	61·9	82·1	..	102·0	..	0·88	2	4·1
Feb. ..	..	65·5	61·0	77·0	..	94 0	..	3·44	10	6·2
March ..	..	63·3	57·9	77·6	..	93·0	..	1·95	10	4·4
April ..	..	58·7	54·2	72·1	..	90·0	..	1·53	8	7·2
May .	..	57·0	55·7	70·3	..	84·0	..	0·61	4	5·0
June ..	..	54·3	53·1	68·9	..	76·0	..	0·48	1	4·6
July ..	..	51·5	48·8	64·1	..	73·0	..	0·40	2	4·4
Aug. ..	..	54·0	50·9	67·4	..	84·0	..	3·59	10	4·3
Sept. ..	..	63·2	59·8	76·3	..	97·0	..	0·74	4	4·4
Oct. ..	..	62·1	57·3	76·9	..	93·0	..	0·99	4	6·4
Nov. ..	..	63·3	56·9	76·1	..	98·0	..	6·22	10	5·3
Dec. ..	..	66·3	58·8	80·5	..	98·0	..	0·84	4	3·9
Means ..	..	60·6	56·4	74·1	..	..	..	Sums = 21·67	69	5·0

Dunbrody. Latitude, 33° 30′ South; Longitude, 25° 30′ East. Distance from Coast, about 25 Miles. Taken at 8 a.m., local time.

Jan. ..	29·716	70·7	63·8	85·2	57·6	108·4	40·7	1·01	5	6·0
Feb. ..	29·784	68·6	64·3	82·7	60·3	100·2	49·0	1·46	7	7·1
March ..	29·821	62·0	59·7	83·5	56·4	97·1	43·1	1·12	10	5·0
April ..	29·889	56·9	54·4	75·9	51·6	93·0	38·6	1·58	8	5·7
May ..	29·932	52·5	49·3	75·5	46·2	89·8	35·9	0·24	3	4·8
June ..	30·017	44·4	42·7	73·6	39·1	82·1	30·8	0·30	1	4·1
July ..	29·972	45·1	42·7	69·0	39·2	78·1	27·0	1·14	4	2·5
Aug. ..	29·887	51·4	48·2	70·9	44·6	88·8	30·0	2·06	9	4·1
Sept. ..	29·978	58·0	52·9	80·1	44·6	102·0	36·0	0·08	1	3·2
Oct. ..	29·833	61·0	55·6	78·7	49·4	98·8	36·8	0·98	6	5·8
Nov. ..	29·860	65·2	59·1	78·6	53·3	100·8	41·0	3·29	7	7·2
Dec. ..	29·759	69·2	63·3	82·8	57·3	101·2	42·0	0·67	4	4·2
Means ..	29·871	58·8	54·7	78·0	50·0	..	..	Sums = 13·93	65	5·0

East London. Latitude 33 2′ South; Longitude 27° 55′ East. Coast Station. Taken at 8 a.m., C.M.T.

Jan. ..	29·917	69·5	65·4	74·1	62·7	87·0	55·0	1·54	7	4·0
Feb. ..	30·013	69·2	66·1	74·1	64·3	79·0	55·0	3·00	16	6·8
March ..	30·000	68·5	64·5	73·9	61·1	80·0	53·0	2·78	8	4·7
April ..	30·072	65·8	61·7	72·8	57·2	91·0	49·0	5·07	11	4·6
May ..	30·120	60·5	57·2	69·0	53·1	79·0	45·0	2·81	5	4·1
June ..	30·192	57·7	53·8	69·8	49·9	86·0	41·0	0·76	2	3·7
July ..	30·140	55·6	52·5	66·2	48·7	74·0	42·0	2·92	5	3·3
Aug. ..	30·065	59·2	55·9	67·0	50·9	76·0	42·0	6·57	9	4·5
Sept. ..	30·169	62·8	59·6	68·2	52·6	71·0	45·0	0·19	3	3·2
Oct. ..	30·016	64·5	60·8	69·9	55·6	80·0	42·0	1·30	8	5·0
Nov. ..	30·011	66·5	63·1	71·1	60·0	84·0	55·0	3·85	11	5·9
Dec. ..	29·946	71·1	66·7	79·6	61·6	90·0	55·0	0·89	7	4·9
Means ..	30·058	64·2	60·6	71·6	56·5	..	..	Sum = 31·68	92	4·5

SUMMARIES OF METEOROLOGICAL OBSERVATIONS—*continued.*

Graaff-Reinet. Latitude, 32° 16′ South; Longitude, 24° 34′ East. Distance from Coast, about 123 miles. Taken at 8 a.m., local time.

1887.	Barometer corrected to 32° F.	THERMOMETERS IN A STEVENSON SCREEN.						Rainfall in Inches.	Number of Days on which Rain fell.	Cloud 0–10.
		Dry Bulb.	Wet Bulb.	Self-Registering.						
				Mean Maximum.	Mean Minimum.	Absolute Maximum.	Absolute Minimum.			
	Inches.	°	°	°	°	°	°			
Jan. ..	27·375	68·6	60·1	84·7	56·9	100·0	46·0	1·39	4	4·3
Feb. ..	27·431	65·7	61·5	80·8	58·8	94·0	41·0	3·00	11	5·7
March ..	27·483	62·0	58·8	78·0	54·9	92·0	40·0	3·01	9	4·7
April ..	27·512	57·8	52·9	73·5	48·4	89·0	32·0	2·16	9	5·2
May ..	27·544	52·4	47·5	70·0	45·2	83·0	29·0	1·76	6	3·8
June ..	27·602	47·2	42·0	69·1	39·1	78·0	25·0	0·02	1	3·6
July ..	27·552	42·9	38·6	63·8	34·7	76·5	25·0	1·83	4	3·0
Aug. ..	27·485	47·4	43·3	65·3	39·8	80·0	26·0	1·37	8	4·5
Sept. ..	27·664	59·2	51·8	77·3	46·0	96·5	31·0	0·08	1	2·7
Oct. ..	27·454	63·4	55·7	78·2	50·1	96·0	37·0	0·41	2	5·4
Nov. ..	27·484	64·2	59·0	77·5	52·3	98·0	40·0	1·42	6	5·1
Dec. ..	27·408	68·4	60·4	85·2	54·4	101·0	43·0	0·47	4	4·1
Means ..	27·499	58·3	52·6	75·3	48·4	..	..	Sums = 16·92	65	4·3

Grahams Town. Latitude, 32° 20′ South; Longitude, 26° 33′ East. Distance from Coast, about 27 miles. Taken at 8 a.m., C. M. T.

Jan. ..	28·050	64·8	59·6	78·5	56·8	101·0	47·0	1·68	5	4·7
Feb. ..	28·112	67·3	60·6	74·0	58·4	91·0	49·0	3·89	12	6·7
March ..	28·124	63·1	58·7	75·1	56·9	91·0	45·0	1·80	7	4·0
April ..	28·173	57·6	53·8	71·4	52·5	91·0	40·0	2·19	12	5·4
May ..	28·218	55·9	50·9	70·3	49·6	84·0	38·0	1·37	3	3·5
June ..	28·297	52·7	47·5	68·5	45·9	77·0	38·0	0·51	1	2·2
July ..	28·222	48·6	45·5	63·3	43·2	74·0	35·0	1·14	4	2·6
Aug. ..	28·157	51·8	48·6	65·5	46·2	82·0	37·0	4·50	10	3·7
Sept. ..	28·266	59·0	52·0	72·7	49·9	96·0	42·0	0·60	3	2·6
Oct. ..	28·123	60·0	54·0	72·7	50·9	92·0	42·0	1·66	9	5·2
Nov. ..	28·158	61·8	56·2	69·8	53·2	96·0	45·0	6·53	16	6·2
Dec. ..	28·076	66·5	58·3	75·1	56·0	94·0	46·0	0·97	6	4·2
Means ..	28·165	59·1	53·8	71·4	51·6	..	..	Sums = 26·84	88	4·3

Kimberley. Latitude, 28° 43′ South; Longitude, 24° 46′ East. Distance from Coast, about 340 miles. Taken at 8 a.m., local time.

Jan. ..	25·942	77·7	64·5	93·4	61·7	101·3	50·1	1·36	9	1·1
Feb. ..	25·992	73·7	63·0	87·2	61·7	97·0	54·6	4·22	8	3·3
March ..	26·013	66·7	61·4	85·1	58·3	94·2	44·9	2·87	10	3·2
April ..	26·065	61·7	54·5	76·8	50·3	87·0	35·3	1·77	8	2·0
May ..	26·118	53·8	48·3	68·1	42·9	77·8	31·7	2·34	5	2·3
June ..	26·161	50·9	44·4	66·6	41·4	72·8	32·3	0·73	1	1·4
July ..	26·096	49·1	43·1	65·5	39·6	76·2	29·3	1·79	3	1·6
Aug ..	26·050	52·3	45·2	68·2	41·5	77·2	30·3	0·73	4	2·1
Sept. ..	26·134	65·9	55·1	81·9	50·2	94·3	41·3	0·10	2	0·8
Oct. ..	26·020	71·1	58·8	87·0	55·5	94·2	39·5	1·10	5	2·3
Nov. ..	25·989	72·3	60·2	87·3	56·5	103·7	45·4	1·22	7	2·5
Dec. ..	25·967	74·2	62·6	90·0	59·3	99·0	47·3	1·81	8	2·1
Means ..	26·045	64·1	55·1	79·8	51·7	..	..	Sums = 23·04	70	2·1

SUMMARIES OF METEOROLOGICAL OBSERVATIONS—*continued.*

Central Jones-street, Kimberley. Latitude, 28° 43′ South; Longitude, 24° 46′ East. Distance from Coast about 340 miles. Taken at 8 a.m., C.M.T.

1887.	Barometer corrected to 32° F.	* THERMOMETERS ON A GLAISHER STAND.						Rainfall in Inches.	Number of days on which rain fell.	Cloud 0—10.
		Dry Bulb.	Wet Bulb.	Self-Registering.						
				Mean Maximum.	Mean Minimum.	Absolute Maximum.	Absolute Minimum.			
	Inches.	o	o	o	o	o	o			
Jan. ..	25·971	74·1	57·5	92·4	58·9	100·2	47·3	1·42	9	2·1
Feb. ..	26·017	69·1	55·1	85·2	59·1	95·8	44·8	3·11	8	5·8
March ..	26·063	65·7	55·4	81·5	55·8	90·5	43·0	2·14	8	5·7
April ..	26·126	56·9	48·6	73·8	47·8	83·8	34·0	1·39	8	3·6
May ..	26·183	47·4	42·1	63·7	41·1	71·8	29·0	1·94	4	4·1
June ..	26·245	44·0	38·3	63·0	39·3	69·8	32·0	0·56	1	4·0
July ..	26·176	42·6	37·2	62·1	37·9	74·5	28·0	1·39	2	1·9
Aug. ..	26·119	46·4	39·0	65·3	39·5	75·0	20·8	0·70	3	3·2
Sept. ..	26·190	60·5	46·7	78·6	47·9	91·5	39·8	0·11	2	3·0
Oct. ..	26·065	67·7	51·4	84·1	52·8	92·4	43·8	0·99	5	4·3
Nov. ..	26·031	69·3	53·8	86·3	54·0	102·5	43·0	1·00	7	4·1
Dec. ..	25·996	71·0	56·5	86·3	56·5	96·5	45·0	4·08	7	3·2
Means ..	26·099	59·5	49·3	76·9	49·2	..	..	Sums = 18·83	64	3·8

*** Kokstad.** Latitude, 30° 33′ South; Longitude, 29° 26′ East. Distance from Coast about 60 miles. Taken at 8 a.m. local time.

Jan. ..	25·635	66·2	61·7	78·2	52·4	93·0	44·0	2·74	7	3 3
Feb. ..	25·694	65·7	61·5	76·2	54·1	84·0	38·0	5·27	14	4·9
March ..	25·702	60·1	56·4	73·6	49·5	84·0	32·0	5·41	11	4·2
April ..	25·750	53·3	49·0	70·7	36·7	81·0	15·0	1·95	4	3·8
May ..	25·775	49·2	45·7	65·9	37·3	76·0	31·0	0·77	2	2·1
June ..	25·824	39·9	38·5	62·3	31·2	70·0	23·0	0·50	1	1·3
July ..	25·774	42·1	40·2	64·4	33·1	75·0	23·0	0·50	2	1·9
Aug. ..	25·637	47·5	45·2	65·5	37·2	74·0	25·0	2·50	3	3·9
Sept. ..	25·807	54·8	51·8	68·9	42·2	85·0	29·0	0·50	1	3·0
Oct. ..	25·660	61·6	59·2	75·7	47·8	90·0	31·0	0·62	4	5·1
Nov. ..	25·687	59·4	54·4	71·1	47·3	90·0	34·0	3·04	9	5·1
Dec. ..	25·632	64·6	61·5	78·0	52·1	88·0	41·0	3·52	9	4·4
Means ..	25·715	55·4	52·1	70·9	43·4	..	..	Sums = 27·32	67	3·6

*** Lovedale.** Latitude, 32° 46′ South; Longitude, 26° 51′ East. Distance from Coast, about 53 miles. Taken at 8 a.m. local time.

Jan. ..	28·156	66·9	61·8	80·9	56·8	101·0	45·5	2·32	8	5·6
Feb. ..	28·206	66·2	62·9	77·9	59·8	90·5	46·0	4·21	14	6·9
March ..	28·238	62·1	58·9	78·1	54·9	91·0	42·0	2·67	10	4·7
April ..	28·286	56·6	53·3	73·0	49·1	73·0	49·1	3·59	11	5·2
May ..	28·383	50·5	47·9	68·9	43·7	82·0	34·0	1·93	5	3·8
June ..	28·128	45·4	42·6	67·9	38·8	75·0	29·5	0·57	1	2·6
July ..	28·376	43·5	41·3	62·8	36·8	78·0	28·5	2·00	4	2·9
Aug. ..	28·291	49·0	46·5	66·4	41·8	81·0	30·5	2·94	9	3·5
Sept. ..	28·417	55·8	51·9	76·7	44·9	94·5	36·0	0·18	4	2·4
Oct. ..	28·238	60·8	55·0	76·8	48·7	96·0	37·0	1·79	9	6·0
Nov. ..	28·284	64·1	57·7	74·8	52·8	96·5	42·0	5·17	13	7·1
Dec. ..	28·201	67·3	60·4	83·0	56·0	104·0	45·0	0·89	11	5·7
Means ..	28·292	57·4	53·4	73·9	48·7	..	..	Sums = 28·26	99	4·7

* The Thermometers at Kokstad and Lovedale are exposed in Stevenson Screens.

SUMMARIES OF METEOROLOGICAL OBSERVATIONS—*continued.*

Mossel Bay. Latitude 34° 11′ South; Longitude 22° 9′ East. Coast Station. Taken at 8 a.m., C.M.T.

1887.	Barometer corrected to 32° F.	THERMOMETERS IN A STEVENSON SCREEN.						Rainfall in Inches.	Number of days on which rain fell.	Cloud 0—10.
		Dry Bulb.	Wet Bulb.	Self-Registering.						
				Mean Maximum.	Mean Minimum.	Absolute Maximum.	Absolute Minimum.			
	Inches.	°	°	°	°	°	°			
Jan. ..	29·864	60·8	62·3	73·0	61·2	77·0	51·0	0·92	6	5·0
Feb. ..	29·905	65·6	62·8	73·9	61·4	87·0	55·0	0·94	9	6·8
March ..	29·932	63·2	61·3	71·4	59·6	84·0	52·0	1·83	10	6·2
April ..	30·013	58·5	56·3	68·0	54·6	80·0	47·0	3·31	10	6·0
May ..	30·023	56·5	54·3	68·5	53·5	84·0	47·0	0·78	6	5·4
June ..	30·073	54·5	51·7	67·6	50·1	79·0	44·0	0·47	2	6·0
July ..	30·069	52·3	49·9	64·6	48·6	75.0	43·0	0·85	8	4·6
Aug. ..	30·000	53·6	51·3	66·3	49·8	87·0	42·0	2·78	10	4·0
Sept. ..	30·052	58·8	55·3	70·0	53·7	87·0	48·0	0·70	3	4·8
Oct. ..	29·946	59·8	56·9	67·5	54·2	78·0	48·0	2·03	8	5·4
Nov. ..	29·977	63·4	60·0	69·8	57·9	88·0	55·0	1·47	4	5·8
Dec. ..	29·905	66·0	61·0	73·1	58·4	81·0	52·0	0·54	6	4·6
Means ..	29·980	59·4	56·9	69·5	55·3	..	..	Sums = 16·62	82	5·4

Port Elizabeth. Latitude, 33° 57′ South; Longitude, 25° 37′ East. Distance from Coast about 1 mile. Taken at 8 a.m., C.M.T.

Jan. ..	29·792	68·2	63·1	74·6	60·3	95·0	55·0	0·99	6	5·7
Feb. ..	29·843	68·5	63·9	73·8	63·6	86·0	55·5	0·54	6	6·8
March ..	29·869	65·7	61·9	73·0	60·5	81·0	52·0	0·75	5	5·3
April ..	29·932	62·2	57·1	69·2	55·6	85·0	46·0	4·39	11	6·2
May ..	29·968	57·6	54·0	68·2	52·9	86·0	46·0	0·57	6	5·2
June ..	30·038	54·3	49·6	68·9	50·1	83·0	42·0	0·31	1	3·6
July ..	29·996	52·1	48·3	63·9	48·2	75·5	41·0	0·86	5	4·5
Aug. ..	29·921	55·3	51·9	65·2	50·5	87·0	43·0	3·11	10	3·1
Sept ..	30·025	59·9	55·3	68·1	54·2	85·5	47·5	0·27	4	4·4
Oct. ..	29·880	62·7	57·4	67·2	54·6	83·0	48·0	0·00	0	6·0
Nov. ..	29·912	64·1	59·7	68·9	57·6	99·0	53·5	2·91	9	6·3
Dec. ..	29·811	66·8	60·2	71·9	60·1	80·0	51·5	1·52	9	4·4
Means ..	29·916	61·5	56·9	69·4	55·7	..	..	Sums = 16·22	72	5·1

Prince Albert. Latitude, 33° 14′ South; Longitude, 22° 0′ East. Distance from Coast about 60 miles. Taken at 8 a.m., local time.

Jan. ..	27·831	68·7	65·4	86·4	58·7	102·0	45·0	0·44	3	..
Feb. ..	27·821	66·5	63·2	83·9	58·3	96·0	50·0	0·20	2	..
March ..	27·820	58·4	53·3	74·8	54·6	92·0	50·0	2·39	8	..
April ..	27·932	53·2	48·5	69·1	51·0	86·0	40·0	2·23	3	..
May ..	27·984	49·6	45·6	67·1	47·7	81·0	38·0	1·45	4	..
June ..	27·940	45·8	42·1	67·2	44·0	75·0	36·0	0·00	0	..
July ..	27·944	40·8	37·7	63·7	39·6	71·0	32·0	0·30	2	..
Aug. ..	27·909	41·1	36·3	63·1	38·0	75·0	33·0	1·86	6	..
Sept. ..	27·997	52·1	44·7	75·4	47·9	98·0	40·0	0·24	1	..
Oct. ..	27·880	57·0	48·8	75·8	52·0	90·0	46·0	1·00	4	..
Nov. ..	27·925	61·2	53·9	84·1	57·0	100·0	44·0	0·19	1	..
Dec. ..	27·850	62·7	56·2	86·8	59·2	99·0	46·0	0·51	3	..
Means ..	27·903	54·6	49·6	74·8	50·7	..	..	Sums = 10·81	37	..

SUMMARIES OF METEOROLOGICAL OBSERVATIONS—*continued.*

Queen's Town. Latitude, 31° 51′ South; Longitude, 26° 51′ East. Distance from Coast, about 105 miles. Taken at 8 a.m., local time.

1887.	Barometer corrected to 32° F.	THERMOMETERS IN A STEVENSON SCREEN.						Rainfall in Inches.	Number of days on which rain fell.	Cloud. 0—10.
		Dry Bulb.	Wet Bulb.	Self-Registering.						
				Mean Maximum.	Mean Minimum.	Absolute Maximum.	Absolute Minimum.			
	Inches.	°	°	°	°	°	°			
Jan. ..	26·332	69·2	62·0	85·2	56·8	99·0	43·0	1·83	9	4·8
Feb. ..	26·388	66·7	62·5	79·6	58·0	92·0	42·0	8·25	15	4·7
March ..	26·410	64·8	59·7	79·0	53·8	90·0	40·0	2·29	7	3·3
April ..	26·468	56·9	52·2	72·3	47·3	84·0	32·0	1·49	8	3·0
May ..	26·508	50·7	46·8	66·5	41·7	78·0	28·0	1·01	4	3·6
June ..	26·578	45·8	41·3	64·4	34·6	72·0	22·0	0·03	1	3·2
July ..	26·503	47·1	41·9	61·8	35·3	72·0	23·0	3·21	6	3·0
Aug. ..	26·436	49·1	41·1	63·8	40·3	75·0	27·0	1·59	11	3·7
Sept. ..	26·553	56·6	50·9	74·0	42·4	91·0	33·0	0·42	4	2·5
Oct. ..	26·408	62·8	55·1	76·8	47·7	90·0	37·0	1·43	5	4·8
Nov. ..	26·439	64·6	57·9	75·5	52·1	94·0	41·0	2·41	10	5·7
Dec. ..	26·362	67·9	61·0	83·1	54·6	94·0	38·0	2·79	11	3·2
Means ..	26·449	58·2	52·7	73·5	47·1	..	..	Sums = 26·75	91	3·8

Simon's Town. Latitude, 34° 12′ South; Longitude, 18° 26′ East. Coast Station. Taken at 8 a.m., C.M.T.

Jan. ..	29·916	67·7	59·6	74·5	60·8	86·0	51·0	1·13	4	3·1
Feb. ..	29·927	67·3	60·3	75·1	60·5	84·5	55·0	0·39	3	3·2
March ..	29·964	66·4	60·5	74·4	59·8	84·5	52·0	0·62	5	4·5
April ..	30·041	61·7	55·7	67·6	56·4	79·0	49·0	2·29	7	4·0
May ..	30·061	60·5	56·2	67·9	55·0	86·0	49·0	3·10	8	4·7
June ..	30·108	58·0	54·1	66·0	52·0	75·0	47·0	2·90	7	3·8
July ..	30·198	55·4	51·8	60·8	50·6	71·0	47·0	5·32	13	6·8
Aug. ..	30·062	56·2	52·5	62·8	50·2	80·0	42·0	3·40	14	5·3
Sept. ..	30·031	61·7	55·3	69·8	53·7	85·0	47·0	1·17	6	4·1
Oct. ..	30·022	60·3	54·5	66·2	54·0	83·0	49·0	3·04	10	6·4
Nov. ..	30·006	65·4	57·0	72·3	58·4	87·0	53·0	0·97	5	3·7
Dec. ..	29·966	65·8	58·4	71·4	59·7	82·0	53·0	1·38	6	4·4
Means ..	30·025	62·2	56·3	69·1	55·9	..	..	Sums = 25·71	88	4·5

Somerset East. Latitude, 32° 44′ South; Longitude, 25° 35′ East. Distance from Coast, about 70 miles. Taken at 8 a.m., local time.

Jan. ..	27·496	65·0	59·3	81·5	55·3	102·0	40·0	1·93	7	4·5
Feb. ..	27·552	62·9	59·9	78·9	58·0	92·0	43·7	4·48	13	6·5
March ..	27·585	60·1	57·1	77·9	53·7	94·0	41·0	4·62	9	4·9
April ..	27·634	55·6	51·9	69·8	49·6	87·0	36·7	2·59	10	4·7
May ..	27·663	51·7	48·9	69·6	45·1	82·9	33·2	1·09	4	3·1
June ..	27·737	48·3	45·1	66·0	42·6	76·4	30·5	0·48	2	1·9
July ..	27·655	42·3	38·9	63·5	37·2	74·1	29·1	2·12	5	2·0
Aug. ..	27·613	49·9	44·4	66·0	43·3	81·8	29·7	1·44	8	2·7
Sept. ..	27·710	54·6	48·8	76·8	45·2	96·2	35·2	0·30	2	1·9
Oct. ..	27·561	58·8	52·2	76·9	48·4	95·1	36·0	1·34	8	5·0
Nov. ..	27·588	60·7	55·0	73·3	51·8	97·2	38·6	3·89	13	4·5
Dec. ..	27·505	64·7	57·4	82·0	53·7	100·7	43·0	0·47	2	3·3
Means ..	27·608	56·2	51·6	73·5	48·6	..	..	Sums = 24·75	83	3·7

SUMMARIES OF METEOROLOGICAL OBSERVATIONS—*continued.*

South African College, Cape Town. Latitude 33° 56′ South; Longitude, 18° 24′ East. Distance from Coast, about 1 mile. Taken at 8 a.m., C.M.T.

1887.	Barometer corrected to 32° F.	THERMOMETERS IN A STEVENSON SCREEN.						Rainfall in Inches.	Number of days on which rain fell.	Cloud 0—10.
		Dry Bulb.	Wet Bulb.	Self-Registering.						
				Mean Maximum.	Mean Minimum.	Absolute Maximum.	Absolute Minimum.			
	Inches.	°	°	°	°	°	°			
Jan. ..	29·894	70·1	61·1	78·4	55·7	96·0	43·5	1·45	4	..
Feb. ..	29·873	69·4	61·3	79·7	59·1	92·0	52·5	0·31	3	..
March ..	29·919	67·6	60·7	78·5	57·7	98·3	45·0	0·34	3	..
April ..	29·999	63·5	56·3	72·5	53·1	87·5	42·3	2·75	7	..
May ..	30·036	60·1	55·8	69·4	51·4	85·8	39·5	4·68	10	..
June ..	30·088	55·8	52·7	66·6	46·8	78·8	37·8	2·59	6	..
July ..	30·112	53·8	51·3	60·2	46·2	68·0	39·0	3·82	13	..
Aug. ..	30·047	54·8	51·8	60·7	46·8	80·0	37·5	3·44	12	..
Sept. ..	30·072	62·0	55·9	71·0	49·6	86·5	42·5	0·85	4	..
Oct. ..	29·989	60·4	54·9	67·5	50·6	88·5	40·3	3·55	11	..
Nov. ..	29·940	68·2	59·3	76·7	56·3	94·5	50·0	0·66	5	..
Dec. ..	29·929	66·5	59·8	73·5	53·6	84·5	47·5	0·78	9	..
Means ..	29·992	62·7	56·7	71·2	52·3	..	..	Sums = 25·22	87	..

Stutterheim. Latitude, 32° 34′ South; Longitude, 27° 24′ East. Distance from Coast, about 50 miles. Taken at 8 a.m., local time.

Jan. ..	27·295	60·1	57·2	78·7	55·0	100·0	47·0	3·63	11	5·1
Feb. ..	27·309	60·0	59·2	74·5	57·3	89·0	46·0	5·21	17	7·5
March ..	27·345	56·9	55·3	75·2	53·4	88·5	41·0	4·22	14	5·6
April ..	27·399	53·8	50·4	71·6	47·8	88·0	36·0	2·43	8	5·6
May ..	27·425	47·6	44·9	67·9	43·3	82·0	30·0	0·95	4	3·7
June ..	27·497	46·8	42·2	67·3	40·2	75·0	30·0	0·37	2	3·4
July ..	27·413	44·4	40·2	63·3	37·6	77·0	26·0	1·46	4	3·4
Aug. ..	27·352	49·6	44·4	67·0	42·4	81·0	29·5	3·25	8	2·8
Sept. ..	27·448	50·6	46·3	72·3	43·2	95·0	33·0	0·26	2	3·6
Oct. ..	27·357	55·3	51·5	75·0	46·6	93·0	35·0	1·95	10	4·8
Nov. ..	27·349	56·1	54·1	70·0	50·5	93·0	38·0	4·48	18	6·7
Dec. ..	27·365	59·0	56·2	76·5	52·7	96·0	41·0	1·74	11	4·8
Means ..	27·379	53·4	50·2	71·6	47·5	..	..	Sums = 29·95	109	4·8

Worcester. Latitude, 33° 40′ South; Longitude, 19° 27′ East. Distance from Coast, about 50 miles. Taken at 8 a.m., C.M.T.

Jan. ..	..	67·0	58·7	..	54·0	..	43·3	0·52	3	1·4
Feb. ..	..	67·8	60·7	83·0	57·1	90·3	49·2	0·00	0	3·0
March ..	..	65·1	59·8	82·2	55·5	95·2	42·1	0·38	2	4·1
April ..	..	54·9	50·9	70·2	45·9	91·1	35·5	1·42	6	3·4
May ..	..	53·7	50·3	70·3	45·8	83·4	34·3	1·00	2	3·8
June ..	..	46·9	44·4	67·2	37·2	79·0	24·8	0·53	2	3·1
July ..	..	47·8	45·0	60·7	40·4	67·2	30·9	1·76	7	4·8
Aug. ..	..	49·4	46·1	62·9	39·8	84·5	29·0	2·11	6	5·7
Sept. ..	..	57·1	52·0	74·7	44·1	92·1	37·1	0·51	1	2·8
Oct. ..	..	58·6	52·4	71·0	45·3	88·2	36·2	1·63	5	4·0
Nov. ..	..	65·6	57·3	80·0	51·0	96·3	43·3	0·24	2	2·8
Dec. ..	..	65·8	57·5	79·7	52·7	93·1	41·3	0·08	1	3·0
Means ..	..	58·3	52·9	..	47·4	..	..	Sums = 10·18	37	3·3

SUMMARIES OF METEOROLOGICAL OBSERVATIONS—*continued.*

Wynberg. Latitude, 34° 1′ South; Longitude, 18° 28′ East. Distance from Coast, about 7 miles. Taken at 8 a.m., C.M.T.

1887.	Barometer corrected to 32° F.	THERMOMETERS IN A STEVENSON SCREEN.						Rainfall in Inches.	Number of days on which rain fell.	Cloud 0—10.
		Dry Bulb.	Wet Bulb.	Self-Registering.						
				Mean Maximum.	Mean Minimum.	Absolute Maximum.	Absolute Minimum.			
	Inches.	°	°	°	°	°	°			
Jan. ..	29·742	67·2	60·5	76·5	57·2	99·8	48·2	1·34	5	2·6
Feb. ..	29·762	67·0	61·1	77·4	58·1	92·0	52·2	0·25	4	2·9
March ..	29·789	65·4	60·2	76·0	57·0	90·0	48·0	0·27	4	4·9
April ..	29·863	60·0	55·0	71·1	52·2	81·5	44·8	2·16	7	4·0
May ..	29·883	57·3	53·9	71·4	51·1	88·0	43·0	3·16	9	3·9
June ..	29·929	55·4	51·1	68·1	49·0	80·0	41·0	3·02	6	4·4
July ..	29·920	51·7	49·6	60·6	47·0	66·0	42·0	7·37	17	5·5
Aug. ..	29·860	53·5	50·1	63·8	47·1	83·0	41·0	3·52	12	4·8
Sept. ..	29·888	60·0	55·2	72·5	51·7	90·0	44·0	1·34	3	3·7
Oct. ..	29·802	59·4	54·8	68·8	50·2	86·2	43·0	5·78	10	5·9
Nov. ..	29·781	67·1	59·3	75·7	55·4	94·5	51·0	0·79	5	3·1
Dec. ..	29·760	66·7	59·7	74·7	55·7	89·0	49·0	1·91	8	4·8
Means ..	29·832	60·9	55·9	71·4	52·6	..	..	Sums = 30·91	90	4·2

Monthly Means of Barometer taken at 8 a.m., C.M.T., reduced to 32 F. and to Sea level.

	Clanwilliam.	R. Observatory	Cape Point.	Cape L'Agulhas.	Mossel Bay.	Cape St. Francis.	Port Elizabeth.	Port Alfred.	East London.	Durban.
Jan. ..	29·919	29·965	30·009	29·967	29·978	29·961	29·954	29·948	29·959	29·990
Feb. ..	29·939	29·947	30·019	30·028	30·019	30·016	30·011	30·007	30·009	30·027
March ..	29·980	30·019	30·050	30·063	30·034	30·035	30·035	30·028	30·034	30·086
April ..	30·078	30·105	30·126	30·136	30·122	30·100	30·108	30·105	30·109	30·153
May ..	30·123	30·130	30·150	30·137	30·130	30·129	30·140	30·143	30·159	30·214
June ..	30·182	30·179	30·192	30·189	30·187	30·195	30·211	30·210	30·237	30·322
July ..	30·220	30·193	30·197	30·173	30·173	30·154	30·169	30·162	30·180	30·233
Aug. ..	30·139	30·169	30·148	30·122	30·106	Bar. Broken	30·098	30·080	30·107	30·161
Sept. ..	30·148	30·176	30·193	30·189	30·159	30·190	30·199	30·188	30·210	30·274
Oct. ..	30·052	30·049	30·087	30·072	30·053	30·046	30·052	30·015	30·056	30·010
Nov. ..	29·989	30·045	30·071	30·107	30·084	30·088	30·090	30·073	30·082	30·097
Dec. ..	29·992	30·003	30·048	30·002	30·001	29·990	29·983	29·966	29·983	30·000
Year ..	30·064	30·082	30·107	30·099	30·087	..	30·087	30·080	30·094	30·131
Range ..	·301	·246	·188	·222	·209	·234	·257	·262	·278	·332

VAN STAADEN'S RIVER.

RAINFALL, 1887.

	Height above Sea Level.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Upper Gauge ..	1522	1·35	3·95	2·93	5·00	1·85	0·10	0·81	3·32	0·92	1·45	5·23	1·67	28·58
Lower Gauge ..	988	1·25	3·95	2·65	4·85	1·90	0·11	0·68	3·25	0·90	1·37	5·37	1·37	27·65

EVAPORATION, 1887.

	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
	5·15	0·70	1·85	2·05	1·70	1·81	1·48	2·05	3·40	4·02	4·27	5·27	33·75

Temperature Observations on Table Mountain, 1887.

	Above Sea Level.	Jan.	Feb.	March.	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.
		MAXIMUM.											
Lower Station	2,500	91·0	84·0	88·0	81·0	85·0	71·0	70·0	78·0	81·0	80·0	84·0	79·0
Upper Station	3,100	82·0	83·0	83·0	76·0	72·0	67·0	69·0	69·0	77·0	78·0	78·0	77·0
		MINIMUM.											
Lower Station	2,500	42·0	46·0	44·0	39·0	43·0	37·0	37·0	34·0	38·0	39·0	44·0	43·0
Upper Station	3,100	..	..	..	35·0	40·0	35·0	31·0	..	36·0	37·0	40·0	40·0

These readings represent the highest and lowest temperature at each Station during each Month.
Where blanks occur the Thermometers had been disturbed, so that no reading was taken.

RAINFALL RETURN—1887.

STATION.	Approximate Height above sea.	South Latitude.	East Longitude.	JANUARY.	Number of days on which rain fell.	FEBRUARY.	Number of days on which rain fell.	MARCH.	Number of days on which rain fell.	APRIL.	Number of days on which rain fell.	MAY.	Number of days on which rain fell.	JUNE.	Number of days on which rain fell.	JULY.	Number of days on which rain fell.	AUGUST.	Number of days on which rain fell.	SEPTEMBER.	Number of days on which rain fell.	OCTOBER.	Number of days on which rain fell.	NOVEMBER.	Number of days on which rain fell.	DECEMBER.	Number of days on which rain fell.	Total.	Total number of days.
I. Cape Peninsula.	feet.	° ′	° ′	in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.	
Royal Observatory—																													
(*a*) 12 inch gauge ..	37	33 56	18 29	1·49	5	0·21	3	0·26	5	2·13	5	4·01	10	2·78	8	2·90	16	3·98	12	0·88	4	2·85	10	0·77	4	0·82	8	23·08	90
(*b*) 8 inch gauge ..	37	..	..	1·50	5	0·16	3	0·20	5	2·12	5	3·82	10	2·62	8	2·64	16	3·57	12	0·79	4	2·88	10	0·67	4	0·65	8	21·62	90
(*c*) 8 inch gauge on roof	53	..	..	1·48	5	0·17	3	0·19	5	1·96	5	3·67	10	2·51	8	2·37	16	3·11	12	0·65	4	2·72	10	0·65	4	0·60	8	20·08	90
Cape Town, Town House..	88	33 55	18 25	1·33	4	0·21	3	0·29	2	2·30	6	4·36	8	2·11	6	2·22	10	2·92	11	0·67	3	2·40	10	0·45	2	0·67	7	19·93	72
Do. S. A. College	115	..	..	1·45	4	0·31	3	0·34	3	2·75	7	4·68	10	2·59	6	3·82	13	3·44	12	0·85	4	3·55	11	0·66	5	0·78	9	25·22	87
Do. Green Point ..	20	33 54	18 24	1·45	5	0·17	1	0·25	2	2·18	6	3·67	7	1·89	5	1·33	5	1·86	7	0·70	3	2·55	7	0·37	4	0·23	1	16·65	53
Do. Sea Point ..	15	33 56	18 23	..	..	0·06	1	0·09	2	..	..	..	..	1·87	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Do. Villa Marina	25	..	..	1·63	5	0·10	2	0·26	2	2·32	8	4·17	8	2·60	7	2·01	12	3·49	11	0·79	3	2·90	9	0·26	2	0·37	4	20·90	73
Do. Molteno Reservoir	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0·76	4	3·28	9	0·73	4	0·77	8	..	..
Do. Platteklip ..	550	33 57	18 25	1·33	3	0·69	4	0·39	2	3·88	6	6·81	10	4·25	6	6·16	16	5·87	13	1·05	5	4·61	12	1·37	4	1·61	10	38·02	91
Do. Signal Hill ..	1143	33 55	18 24	1·04	4	0·16	2	0·25	2	1·89	7	3·61	9	1·53	5	2·26	14	2·28	11	0·32	2	2·22	8	0·58	5	0·49	4	16·63	73
Table Mountain, Disa Head (*a*)	2500	33 59	18 25	2·10	..	1·00	..	1·20	..	3·53	..	5·91	..	4·41	..	5·88	..	5·20	..	1·42	..	5·64	..	3·02	..	2·22	..	41·53	..
Table Mountain, Kasteel Poort (*b*)	2500	..	..	2·59	..	1·32	..	1·25	..	4·92	..	8·57	..	5·40	..	7·55	..	6·58	..	2·05	..	7·64	..	3·20	..	2·54	..	53·61	..
Table Mountain, Waai Kopje (*c*)	3100	..	..	2·62	..	1·82	..	1·16	..	4·20	..	7·53	..	4·57	..	7·70	..	7·72	..	1·95	..	7·64	..	3·04	..	4·14	..	54·09	..
Table Mountain, St. Michael's (*d*)	3050	..	..	2·67	..	2·07	..	1·49	..	5·02	..	8·89	..	5·74	..	9·73	..	7·94	..	2·05	..	8·29	..	3·27	..	4·13	..	61·29	..
Raapenburg, Mowbray ..	40	33 57	18 30	1·21	4	0·18	3	0·21	3	2·03	6	3·40	10	2·25	6	3·15	14	3·94	13	0·75	5	3·10	10	0·69	5	0·62	6	21·53	85
Rondebosch	100	33 58	18 29	1·67	4	0·47	4	0·41	3	3·10	7	4·58	10	3·88	6	4·90	15	5·98		1·12	4	5·32	11	0·86	6	1·27	9	33·56	93
Do. The Grotto ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	14	1·19	4	6·24	11	1·06	6	1·08	5	..	..
Newlands, Kelvin Grove ..	83	33 58	18 27	2·04	4	0·73	2	0·33	3	3·02	5	4·64	6	4·20	5	7·00	15	5·65	..	1·43	3	5·69	8	0·96	2	1·26	5	36·95	68
Newlands, La Rochelle ..	..	..	..	1·98	3	0·74	2	0·21	3	3·14	6	4·74	7	4·70	4	8·24	16	5·42	10	1·43	3	6·20	9	1·04	2	1·55	4	39·39	68
Newlands, Avenue ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	..	..	8·04	11	1·54	4	2·71	9	..	..

RAINFALL RETURN—1887.

STATION.	Approximate Height above sea.	South Latitude.	East Longitude.	JANUARY.	Number of days on which rain fell.	FEBRUARY.	Number of days on which rain fell.	MARCH.	Number of days on which rain fell.	APRIL.	Number of days on which rain fell.	MAY.	Number of days on which rain fell.	JUNE.	Number of days on which rain fell.	JULY.	Number of days on which rain fell.	AUGUST.	Number of days on which rain fell.	SEPTEMBER.	Number of days on which rain fell.	OCTOBER.	Number of days on which rain fell.	NOVEMBER.	Number of days on which rain fell.	DECEMBER.	Number of days on which rain fell.	Total.	Total number of days.
I. CAPE PENINSULA—*continued.*	feet.	° ′	° ′	in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.	
Claremont	91	33 59	18 28	1·70	4	0·41	4	0·27	4	2·42	7	3·86	7	4·11	7	9·16	19	4·58	14	1·71	3	6·82	11	1·13	5	2·36	6	38·53	91
Bishop's Court	250	33 59	18 27	1·82	7	0·12	3	0·39	7	2·95	8	4·14	11	3·37	7	10·25	20	5·32	15	1·85	4	7·80	14	1·44	5	2·37	11	41·82	112
Wynberg	250	34 1	18 28	1·34	5	0·25	4	0·27	4	2·16	7	3·16	9	3·02	6	7·37	17	3·52	12	1·34	3	5·78	10	0·79	5	1·91	8	30·91	90
Wynberg, Silverhurst	..	..	..	1·25	3	..	..	0·50	2	2·62	6	3·74	8	2·82	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Constantia, High	..	34 10	18 25	1·23	4	0·16	3	0·32	4	2·70	6	5·08	9	2·13	4	7·06	20	4·87	15	2·05	4	5·66	10	0·92	3	2·14	12	34·32	94
Tokai	..	34 9	18 25	1·24	6	0·21	2	0·59	5	3·05	8	3·11	7	3·07	6	6·16	15	3·86	15	1·15	7	5·07	13	0·81	4	1·84	10	30·16	98
Simon's Town (*a*)	20	34 12	18 26	1·50	6	0·45	5	0·69	5	2·55	10	3·23	9	3·59	7	5·03	13	3·36	14	1·27	7	3·30	13	0·83	4	1·53	10	27·33	103
Simon's Town (*b*)	20	..	..	1·13	4	0·39	3	0·62	5	2·29	7	3·10	8	2·90	7	5·32	13	3·40	14	1·17	6	3·04	10	0·97	5	1·38	6	25·71	88
II. SOUTH WEST.																													
Somerset West	100	34 5	18 25	1·14	1	0·16	2	0·48	3	2·80	2	2·80	6	1·58	3	2·59	8	3·03	7	0·73	1	3·55	4	0·38	2	0·35	1	19·59	40
Houw Hoek	960	..	..	0·65	3	0·00	0	0·00	0	2·71	5	3·07	7	1·48	5	3·66	10	3·41	11	0·59	3	3·00	10	1·30	4	0·63	5	20·50	63
Caledon	760	31 14	19 27	0·84	5	0·19	2	1·54	6	2·41	11	1·63	8	1·13	4	2·25	8	1·92	8	0·34	1	2·34	8	1·47	6	0·44	4	16·50	71
Stellenbosch Gaol	400	33 26	18 25	0·94	4	0·21	1	1·31	5	2·76	8	3·33	9	1·78	6	4·74	17	3·65	10	0·74	2	3·77	10	0·79	2	0·74	6	24·76	80
Do. College	..	..	..	0·94	4	0·27	2	1·07	5	2·04	7	3·37	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Klapmuts	555?	33 50	18 50	1·06	6	0·12	2	0·49	3	3·21	7	3·70	11	1·94	6	4·42	16	3·67	12	0·95	2	3·16	10	0·68	2	0·89	6	24·29	83
Paarl	500	33 47	18 58	0·85	4	0·10	1	0·54	3	4·24	7	4·34	11	1·78	5	5·90	15	4·75	10	1·02	4	4·13	10	0·46	2	0·64	6	28·75	78
Wellington Gaol	400	33 38	19 0	0·25	2	0·25	2	0·45	4	4·17	7	3·87	11	1·32	3	3·35	12	3·35	9	0·35	1	3·18	10	0·67	2	0·24	2	21·43	65
Do. Huguenot Seminary	..	..	..	..	..	0 36	3	0·61	5	4·07	7	..	..	1·42	5	3·06	11	3·26	9	0·47	4	3·01	7	0·66	2	0·46	3	..	..
Tulbagh Waterfalls	490	33 22	19 8	0·99	4	0·20	2	0·41	3	3·48	7	3·46	6	0·80	2	4·21	11	3.34	7	0·55	1	4·36	7	0·80	3	0·35	2	22·95	55
Do. Gaol	400	33 19	19 9	0·88	2	0·23	1	0·49	3	1·61	4	2·51	4	0·33	2	3·75	9	3·16	6	0·69	2	2·41	6	0·19	1	0·54	2	16·79	42
Ceres	1493	33 22	19 20	0·92	3	0·00	0	0·48	4	5·07	8	5·17	9	1·34	4	6·84	11	5·26	9	1·71	3	6·33	9	0·75	3	1·36	6	35·23	69
Rocklands, Cold Bokkeveld	2500	33 1	19 23	0·52	2	0·16	1	0·68	4	3·44	7	2·91	4	0·62	1	3·88	6	2·03	4	0·90	1	4·08	6	0·41	2	0·31	1	19·94	39
Worcester Gaol	780	33 40	19 27	0·25	2	0·00	0	0·31	1	1·51	6	1·12	3	0·30	2	2·08	6	2·08	5	0·67	1	1·65	5	0·56	2	0·00	0	10·53	33
Worcester	..	..	..	0·52	3	0·00	0	0·38	2	1·42	6	1·00	2	0·53	2	1·76	7	2·11	6	0·51	1	1·63	5	0·24	2	0·08	1	10·18	37
Robertson	600	33 47	19 51	0·28	5	0·22	3	0·96	8	1·99	9	0·66	4	0·27	2	1·46	5	..	..	0·14	2	1·87	5	0·80	2	0·19	1	..	..
Montagu	727	33 48	20 9	0·50	1	0·44	1	0·69	2	1·68	4	0·97	3	0·40	2	0·90	3	1·95	5	0·10	1	1·30	3	1·65	2	0·20	1	10·78	28

RAINFALL RETURN—1887.

STATION.	Approximate Height above sea.	South Latitude.	East Longitude.	JANUARY.	Number of days on which rain fell.	FEBRUARY.	Number of days on which rain fell.	MARCH.	Number of days on which rain fell.	APRIL.	Number of days on which rain fell.	MAY.	Number of days on which rain fell.	JUNE.	Number of days on which rain fell.	JULY.	Number of days on which rain fell.	AUGUST.	Number of days on which rain fell.	SEPTEMBER.	Number of days on which rain fell.	OCTOBER.	Number of days on which rain fell.	NOVEMBER.	Number of days on which rain fell.	DECEMBER.	Number of days on which rain fell.	Total.	Total number of days.
III. West Coast.	feet.	° ′	° ′	in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.	
Malmesbury	460	33 28	18 43	0·56	4	0·05	1	0·24	2	2·44	8	1·62	9	0·69	2	2·22	9	2·52	8	0·52	1	2·49	6	0·39	2	0·35	2	14·09	54
Groote Post	..	..	..	0·58	..	0·06	..	0·00	..	2·04	..	1·38	..	0·73	..	3·44	..	2·16	..	1·35	..	3·12	..	0·35	..	0·38	..	15·59	..
Saron	600	33 11	19 0	1·45	3	0·91	2	0·45	1	2·87	5	3·34	4	2·22	3	2·84	5	3·29	6	0·63	1	4·26	6	0·42	1	0·00	0	22·68	37
Clanwilliam Gaol	245	32 10	18 53	0·04	1	0·14	1	0·59	2	0·95	3	1·61	5	0·13	2	1·08	7	1·50	8	0·40	1	1·31	6	0·08	1	0·00	0	7·83	37
Clanwilliam, Rev. Sheard..	..	..	..	0·04	1	0·15	2	0·66	2	1·18	4	1·13	5	0·14	2	1·17	7	1·57	8	0·46	1	1·44	6	0·11	3	0·02	1	8·07	42
Piquetberg..	700	32 53	18 45	1·02	2	0·15	1	0·00	0	2·35	4	3·64	3	1·50	3	3·15	6	4·32	5	0·00	0	3·45	6	0·00	0	0·15	1	19·73	31
Bikoes, Bokkeveld ..	..	..	..	0·05	1	0·84	3	0·23	2	0·91	4	1·40	6	0·21	1	1·97	7	3·49	8	0·00	0	3·08	8	0·25	1	0·02	1	12·45	42
Van Rhyns Dorp	400	31 35	18 45	0·03	1	0·07	1	0·09	1	0·64	3	0·38	3	0·04	1	0·44	6	0·86	6	0·12	1	0·65	5	0·00	0	0·00	0	3·32	28
Garies	830	30 19	18 4	0·00	0	0·10	1	0·22	2	0·58	3	0·48	3	0·24	3	0·91	7	1·56	7	0·11	1	0·76	2	0·68	3	0·00	0	6·04	32
Brakfontein, Lambert's Bay	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1·31	2	1·59	8	0·09	1	0·15	2	..	..
Ebenezer, Oliphants River	100	31 35	18 20	0·10	2	0·17	1	0·20	3	0·81	3	0·44	1	0·05	1	0·88	7	0·86	5	0·02	0	0·27	3	0·05	1	0·02	0	3·87	30
Lilyfontein, Kamiesberg ..	5000	30 18	18 5	0·00	0	0·10	1	0·17	2	0·45	2	0·92	2	0·42	2	0·71	2	1·75	3	0·26	1	0·30	1	0·00	0	0·10	1	5·18	17
Springbok..	3200	29 40	17 53	0·00	0	0·24	1	0·16	1	0·70	2	1·32	5	0·40	2	0·64	3	3·16	9	0·37	1	1·40	6	0·03	1	0·00	0	8·42	31
O'okiep (*a*)..	3009	29 36	17 53	0·00	0	0·32	2	0·21	2	0·97	5	1·33	4	0·35	1	0·71	4	1·37	6	0·25	1	1·19	5	0·00	0	0·01	0	6·71	30
O'okiep (*b*) Capo Copper Co.	..	..	..	0·00	0	0·36	4	0·13	2	1·03	7	1·30	6	0·36	1	0·75	5	2·06	8	0·28	2	1·25	5	0·02	0	0·01	0	7·55	40
Klipfontein..	3104	29 12	17 43	0·00	0	0·24	2	0·65	4	1·01	4	1·43	5	0·41	2	1·11	4	3·46	10	0·19	1	1·50	6	0·04	1	0·06	1	10·10	40
Port Nolloth	40	29 14	16 51	0·00	0	0·03	1	0·18	2	0·13	2	1·72	3	0·18	1	0·10	1	0·29	2	0·00	0	0·32	3	0·00	0	0·00	0	2·95	15
Kanas, Great Namaqualand	..	27 0	18 20	0·76	2	2·12	6	3·17	6	0·79	3	0·76	1	0·00	0	0·00	0	0·00	0	0·00	0	0·93	1	0·00	0	0·00	0	8·53	19
IV. South Coast.																													
Bredasdorp..	250	34 33	20 2	1·05	6	0·50	7	1·77	10	2·48	9	1·81	8	0·51	3	1·90	8	2·68	11	0·25	5	1·46	11	1·17	8	1·04	4	16·62	90
Cape L'Agulhas	55	34 50	20 0	1·45	4	0·27	3	0·87	10	1·84	7	1·83	7	0·27	2	2·24	12	3·55	9	0·46	2	1·28	8	0·18	2	0·30	3	14·54	69
Swellendam	500	34 4	20 27	1·03	4	1·98	11	5·74	8	2·83	5	1·27	7	1·58	5	1·58	7	2·32	7	0·73	2	2·92	8	1·87	6	1·20	4	25·05	74
Heidelberg..	100	34 5	20 57	0·64	1	0·55	7	6·10	13	2·17	12	1·06	7	0·49	4	0·63	8	1·58	10	0·32	3	1·90	10	1·34	5	0·48	4	17·26	84
Riversdale	100	34 8	21 22	1·12	2	0·38	2	6·93	6	2·53	4	0·68	3	0·42	2	0·85	4	1·54	5	0·62	2	1·36	6	0·86	3	0·89	2	18·18	41

RAINFALL RETURN—1887.

STATION.	Approximate Height above sea.	South Latitude.	East Longitude.	JANUARY.	Number of days on which rain fell.	FEBRUARY.	Number of days on which rain fell.	MARCH.	Number of days on which rain fell.	APRIL.	Number of days on which rain fell.	MAY.	Number of days on which rain fell.	JUNE.	Number of days on which rain fell.	JULY.	Number of days on which rain fell.	AUGUST.	Number of days on which rain fell.	SEPTEMBER.	Number of days on which rain fell.	OCTOBER.	Number of days on which rain fell.	NOVEMBER.	Number of days on which rain fell.	DECEMBER.	Number of days on which rain fell.	Total.	Total number of days.
IV. West Coast.—*continued.*	feet.	o ′	o ′	in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.	
Mossel Bay	105	34 11	22 9	0·92	6	0·94	9	1·83	10	3·31	10	0·78	6	0·47	2	0·85	8	2·78	10	0·70	3	2·03	8	1·47	4	0·54	6	16·62	82
Herbert's Dale	..	..	..	0·84	6	1·42	8	4·01	10	3·11	12	2·80	4	0·94	4	0·66	6	3·89	13	0·46	3	1·59	6	1·84	8	0·77	5	22·33	85
George	800	33 57	22 28	2·21	12	2·83	10	2·87	15	4·17	12	2·03	11	0·96	5	0·61	7	6·78	15	0·79	3	2·93	5	2·63	9	1·37	9	30·18	113
Ezeljagt, Long Kloof ..	1900	..	..	0·60	2	1·00	2	1·09	5	2·11	7	1·00	3	0·40	3	0·30	3	8·25	9	0·10	1	3·05	4	5·40	3	0·55	4	23·85	46
Millwood	1500	..	..	..	..	..	..	..	..	..	..	..	..	1·27	3	0·63	6	9·69	14	1·69	4	3·43	12	4·28	10	2·00	11	..	..
Knysna	30	34 6	23 7	2·16	6	0·87	6	1·39	9	2·31	8	1·62	7	0·48	3	0·33	4	6·18	13	1·14	4	2·80	11	1·28	3	1·27	9	21·83	83
Storms River, T'Zitzikama	..	34 0	25 53	2·84	7	2·77	12	3·28	14	5·53	13	2·58	8	1·41	3	1·59	7	6·53	15	2·03	6	3·60	14	4·42	9	2·94	13	39·52	121
Humansdorp	360	34 2	24 47	1·44	7	2·74	10	2·62	11	3·82	13	1·89	7	0·75	1	0·55	7	3·38	13	0·40	4	1·17	9	2·63	7	0·80	5	22·19	94
Cape St. Francis	20	34 10	24 50	1·17	5	0·89	5	1·90	10	5·59	11	2·08	9	0·39	2	2·26	12	3·49	14	0·16	2	1·83	10	1·43	7	0·95	7	22·14	94
Van Staaden's, Witteklip..	680	33 55	25 12	0·97	3	3·24	2	1·74	4	5·73	9	2·22	2	1·01	1	0·60	1	2·49	8	0·64	3	1·39	5	2·98	6	1·89	4	24·90	48
Van Staaden's, nr. intake of Pt. Elizabeth Waterworks	988	33 53	25 12	1·25	..	3·95	..	2·65	..	4·85	..	1·90	..	0·11	..	0·68	..	3·25	..	0·90	..	1·37	..	5·37	..	1·37	..	27·65	..
Van Staaden's, on the hills	1522	33 52	25 12	1·35	..	3·95	..	2·93	..	5·00	..	1·85	..	0·10	..	0·81	..	3·32	..	0·92	..	1·45	..	5·23	..	1·67	..	28·58	..
Uitenhage	200	33 47	25 24	0·72	3	2·73	10	1·23	4	2·19	7	0·49	2	0·41	1	0·40	2	2·21	10	0·20	1	0·56	3	2·09	4	0·27	1	13·50	48
Do. De Hoek ..	..	33 35	24 25	0·88	2	3·44	10	1·95	10	1·53	8	0·61	4	0·48	1	0·40	2	3·59	10	0·74	4	0 99	4	6·22	10	0·84	4	21·67	69
Port Elizabeth	181	33 57	25 37	0·99	6	0·54	6	0·75	5	4.39	11	0·57	6	0·31	1	0·86	5	3·11	10	0·27	4	0·00	0	2·91	9	1·52	9	16·22	72
Do. St. George's Park	240	..	..	1·20	..	0·89	..	0·65	..	4·65	..	0·90	..	0·46	..	1·17	..	3·63	..	0·40	..	1·17	..	3·71	..	1·94	..	20·77	..
Do. Walmer.. ..	400	..	..	1·71	..	1·27	..	1·46	..	5·76	..	1·26	..	0·66	..	1·86	..	4·68	..	0·38	..	1·31	..	3·43	..	2·24	..	26·02	..
Taukatara	100	33 41	25 46	0·81	5	0·97	4	0·78	6	2·22	7	0·78	4	0·56	1	0·34	1	3·15	9	0·27	2	1·67	6	4·24	6	0·51	1	16·30	52
Tregaron, ...	..	..	..	0·85	4	1·69	11	1·13	10	1·67	9	0·35	2	0·41	1	0·80	5	1·89	10	0·02	0	1·26	7	3·81	9	0·66	3	14·54	71
Dunbrody, ...	..	33 30	25 30	1·01	5	1·46	7	1·12	10	1·58	8	0·24	3	0·30	1	1·14	4	2·06	9	0·08	1	0·98	6	3·29	7	0·67	4	13·93	65
V. Southern Karroo.																													
Touws River	2520	33 20	20 3	0·00	0	0·15	2	4·30	5	1·78	5	0·56	4	0·03	1	0·50	3	0·70	4	0·12	2	1·94	6	0·20	4	0·00	0	10·28	36
Ladismith	1860	33 28	21 15	0·60	2	1·20	3	4·91	11	1·85	7	0·55	4	0·50	2	1·27	6	2·01	7	0·20	2	0·70	5	0·96	3	0·08	1	14·83	53
Amalienstein	1570	33 27	21 24	0·33	4	1·03	7	4·69	8	1·92	9	0·46	5	0·24	3	0·91	6	2·38	10	0·14	3	0·72	8	0·88	5	0·08	2	13·78	70

STATION.	Approximate Height above sea.	South Latitude.	East Longitude.	JANUARY.	Number of days on which rain fell.	FEBRUARY.	Number of days on which rain fell.	MARCH.	Number of days on which rain fell.	APRIL.	Number of days on which rain fell.	MAY.	Number of days on which rain fell.	JUNE.	Number of days on which rain fell.	JULY.	Number of days on which rain fell.	AUGUST.	Number of days on which rain fell.	SEPTEMBER.	Number of days on which rain fell.	OCTOBER.	Number of days on which rain fell.	NOVEMBER.	Number of days on which rain fell.	DECEMBER.	Number of days on which rain fell.	Total.	Total number of days.
V.—Southern Karroo—*contd.*	feet.	°	° ′	in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.	
Calitzdorp	750	33 32	21 42	0·08	2	0·56	6	4·25	7	0·75	4	0·11	1	0·06	1	0·25	2	1·62	8	0·00	0	0·43	5	0·72	4	0·12	1	8·95	41
Oudtshoorn	1090	33 36	22 13	1·21	4	0·26	4	0·74	5	1·80	8	0·60	4	0·29	2	0·25	3	3·30	9	0·04	1	0·37	4	0·44	3	0·15	2	9·45	49
Cango	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1·11	6	1·00	3	0·12	2	..	..
Uniondale	2200	33 40	24 48	0·50	5	1·14	6	0·70	7	2·62	7	1·05	7	0·09	1	0·41	5	6·85	10	0·05	1	1·26	7	2·35	5	0·58	2	17·60	63
Kleinpoort	1900	33 20	24 48	0·98	6	1·05	4	1·19	6	0·73	3	0·00	0	0·00	0	0·45	1	1·25	5	0·00	0	0·49	2	2·03	6	0·82	2	8·99	35
Glenconnor	730	32 25	25 5	0·94	4	1·42	7	0·98	5	1·28	7	0·14	3	0·14	1	0·40	1	1·95	11	0·00	0	1·12	6	2·01	6	1·14	4	11·52	55
VI. West Central Karroo.																													
Matjesfontein	2600	33 14	20 40	0·10	1	0·66	4	1·01	5	0·36	2	1·00	5	0·00	0	0·19	3	0·80	5	0·10	1	0·30	4	0·04	1	0·00	0	4·56	31
Prince Albert Road ..	2020	32 28	21 43	0·24	2	0·19	2	1·89	5	1·35	3	0·43	3	0·00	0	0·10	1	0·46	4	0·04	1	0·38	1	0·00	0	0·00	0	5·08	22
Prince Albert	2120	33 14	22 0	0·44	3	0·20	2	2·39	8	2·23	3	1·45	4	0·00	0	0·30	2	1·86	6	0·24	1	1·00	4	0·19	1	0·51	3	10·81	37
Fraserburg Road	1820	32 40	22 0	0·70	1	0·30	1	1·40	4	0·75	2	0·31	2	0·00	0	0·25	1	0·55	2	0·00	0	0·04	1	0·18	2	0·00	0	4·48	16
Zeekoe Gat	3290	33 0	23 3	0·37	2	1·00	6	1·21	6	0·71	2	0·27	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hopewell	..	32 21	23 11	0·68	4	1·12	4	1·06	6	1·07	4	0·64	4	0·00	0	0·34	1	0·62	6	0·00	0	0·59	4	0·60	3	0·24	1	6·96	37
Beaufort West	2850	32 21	23 37	0·54	3	1·03	6	1·40	7	1·55	5	0·84	5	0·04	1	0·12	1	0·67	7	0·12	2	0·49	5	1·23	5	0·06	1	8·09	48
Camfers Kraal	3000	32 17	23 3	0·71	3	1·54	7	2·02	8	1·50	3	0·54	4	0·00	0	0·29	3	0·73	5	0·11	1	0·42	4	0·41	4	0·07	1	8·34	43
Lower Nel's Poort ..	3100	32 14	23 4	0·62	3	2·32	6	0·93	8	1·20	3	0·50	2	0·00	0	0·09	1	0·79	5	0·00	0	0·31	3	0·60	4	0·26	1	7·62	36
Do. Lewisville ..	..	..	..	0·40	2	1·58	5	1·10	7	1·16	4	0·50	4	0·00	0	0·10	1	0·77	6	0·02	0	0·36	4	0·57	2	0·25	1	6·81	36
Willowmore	2760	33 13	23 30	0·71	4	0·60	2	1·90	5	0·62	3	0·38	3	0·00	0	0·42	2	1·66	7	0·00	0	0·42	2	0·13	2	0·10	1	6·94	31
VII. East Central Karroo.																													
Aberbeen Gaol	2400	32 28	24 5	0·71	3	0·92	3	2·53	6	0·98	3	0·76	4	0·00	0	0·40	2	1·22	6	0·00	0	0·15	3	0·98	5	0·18	1	8·83	36
Aberdeen	..	..	..	0·55	1	1·48	4	2·60	8	1·01	4	0·88	4	0·00	0	0·40	1	1·22	6	0·00	0	0·41	2	0·75	4	0·20	1	9·50	35
Aberdeen Road	2480	32 46	24 20	0·54	2	0·95	3	4·42	7	0 99	4	0·29	3	0·00	0	0·80	2	2·03	10	0·00	0	0·59	3	3·77	8	0·46	1	14·84	43

RAINFALL RETURN—1887.

STATION.	Approximate Height above sea.	South Latitude.	East Longitude.	JANUARY.	Number of days on which rain fell.	FEBRUARY	Number of days on which rain fell.	MARCH.	Number of days on which rain fell.	APRIL.	Number of days on which rain fell.	MAY.	Number of days on which rain fell.	JUNE.	Number of days on which rain fell.	JULY.	Number of days on which rain fell.	AUGUST.	Number of days on which rain fell.	SEPTEMBER.	Number of days on which rain fell.	OCTOBER.	Number of days on which rain fell.	NOVEMBER.	Number of days on which rain fell.	DECEMBER.	Number of days on which rain fell.	Total.	Total number of days.
VII. East Central Karroo.—*continued.*	feet.	° ′	° ′	in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.	
Schietfontein	2480	32 46	24 19	0·46	4	1·39	8	3·24	4	0·92	4	0·14	2	0·00	0	0·74	2	1·71	8	0·00	0	0·43	2	2·92	7	0·36	2	12·31	43
Roodeberg	..	32 31	24 20	0·83	3	2·21	4	1·51	6	1·44	4	0·98	5	0·13	1	0·48	1	1·30	4	0·00	0	0·43	3	1·02	3	0·32	1	10·43	35
Graaff-Reinet Gaol ..	2500	32 16	24 34	0·99	4	2·65	10	2·98	8	2·29	8	1·70	5	0·00	0	1·84	4	1·19	9	0·02	0	0·26	2	1·77	6	0·17	1	15·86	57
Graaff-Reinet Hospital ..	..	..	..	1·39	4	3·00	11	3·01	9	2·16	9	1·76	6	0·02	0	1·83	4	1·37	8	0·08	1	0·41	5	1·42	7	0·47	4	16·92	68
The Glen, Naudesberg ..	..	32 3	24 48	0·58	3	4·50	10	1·35	7	1·69	7	1·31	4	0·07	1	2·87	4	2·14	11	0·03	1	0·42	3	2·57	6	0·89	5	18·42	62
Wellwood	4000	32 5	24 48	1·02	4	3·04	8	2·49	5	1·42	7	1·22	5	0·04	1	2·30	5	1·42	8	0·00	0	0·44	4	1·52	4	0·54	3	15·45	54
Do. Mountain Gauge	4900	32 5	24 45	1·45	..	3·17	..	2·42	..	1·01	..	1·10	..	0·03	..	1·97	..	1·56	..	0·00	..	0·11	..	1·70	..	0·75	..	15·27	..
Goliads Kraal	..	..	..	1·18	..	2·84	..	2·85	..	1·70	..	1·38	..	0·00	..	1·82	..	1·65	..	0·00	..	0·05	..	1·02	..	0·27	..	14·76	..
Roode Bloem	2500	32 12	24 40	0·30	2	1·99	4	0·79	3	1·25	4	0·88	3	0·00	0	1·38	3	1·05	6	0·00	0	0·00	0	0·60	2	0·22	1	8·46	28
Winterhoek	2800	32 12	24 28	1·62	4	3·06	7	4·81	7	2·61	7	1·90	8	0·00	0	1·70	6	1·88	10	0·20	1	0·43	2	1·71	7	0·44	1	20·36	60
Jansenville	..	32 56	24 41	2·77	4	0·79	3	2·45	8	1·09	5	0·42	3	0·00	0	0·61	3	1·80	8	0·00	0	0·23	3	2·76	8	0·32	2	13·24	47
Kendrew	..	..	..	0·68	2	1·94	7	1·86	7	1·48	8	0·47	5	0·00	0	0·62	4	1·03	6	0·00	0	0·12	1	0·50	4	0·27	1	8·97	45
Klipdrift	2400	32 20	24 30	0·92	3	2·32	2	3·14	5	1·11	3	0·90	2	0·00	0	0·82	2	0·70	5	0·00	0	0·14	1	0·97	2	0·31	1	11·33	26
Patrysfontein	..	..	..	0·54	5	5·31	11	2·70	7	1·44	6	1·66	5	0·25	1	1·56	4	2·63	11	0·00	0	0·31	5	2·69	8	0·96	3	20·05	66
Somerset East, Gill College	2400	32 44	25 35	1·93	7	4·48	13	4·62	9	2·59	10	1·09	4	0·48	2	2·12	5	1·44	8	0·30	2	1·34	8	3·89	13	0·47	2	24·75	83
Somerset East Gaol ..	..	..	..	1·90	6	4·06	13	4·78	8	3·01	11	1·11	4	0·50	2	2·34	5	1·43	7	0·31	4	1·22	6	4·05	11	0·53	2	25·24	79
Houdconstant	..	31 57	24 12	0·49	1	4·05	9	1·50	4	2·22	5	1·15	5	0·00	0	1·23	2	2·20	7	0·00	0	0·70	1	1·58	4	0·35	2	15·47	40
Colonies Plaats	4750	32 10	24 48	0·70	4	3·44	8	2·56	5	1·11	7	1·03	4	0·00	0	1·81	4	1·67	10	0·00	0	0·12	2	1·77	5	0·30	3	14·43	52
Karree Hoek	..	32 27	25 5	1·00	3	3·14	7	1·04	2	0·94	4	1.05	3	0·00	0	1·57	4	0·98	7	0·00	0	0·47	3	1·33	5	0·30	2	11·82	40
Fredenburg	..	32 30	25 8	1·08	5	3·46	7	3·01	8	2·02	8	0·85	5	0·15	1	2·02	4	1·56	9	0·00	0	0·51	3	1·16	4	0·25	1	16·07	55
Cranmere	2570	..	..	1·04	5	2·49	9	2·74	8	2·43	9	0·70	6	0·04	1	1·69	4	1·71	8	0·00	0	0·62	5	1·29	6	0·35	1	15·10	62
Middleton	1672	32 50	25 49	1·94	4	1·55	9	4·31	10	1·52	8	0·39	2	0·00	0	1·39	4	1·17	6	0·00	0	0·68	4	2·90	8	0·55	2	16·40	57
Bushberg	4880	32 40	25 35	2·64	6	4·91	10	5·70	8	2·76	6	1·11	3	1·31	2	1·85	2	2·52	3	..	..	2·00	2	5·80	4	0·34	1	..	..
Rietfontein	2271	32 52	24 5	0·50	3	1·75	4	2·00	3	0·25	1	0·00	0	0·00	0	0·39	1	0·90	5	0·00	0	0·19	1	1·46	3	0·00	0	7·44	21
New Bethesda .. .	..	31 50	24 35	0·84	6	5·04	9	1·27	6	2·00	8	0·57	3	0·74	1	1·36	4	1·89	12	0·13	1	0·22	2	2·46	7	0·79	4	17·31	63

RAINFALL RETURN—1887.

STATION.	Approximate Height above sea.	South Latitude.	East Longitude.	JANUARY.	Number of days on which rain fell.	FEBRUARY.	Number of days on which rain fell.	MARCH.	Number of days on which rain fell.	APRIL.	Number of days on which rain fell.	MAY.	Number of days on which rain fell.	JUNE.	Number of days on which rain fell.	JULY.	Number of days on which rain fell.	AUGUST.	Number of days on which rain fell.	SEPTEMBER.	Number of days on which rain fell.	OCTOBER.	Number of days on which rain fell.	NOVEMBER.	Number of days on which rain fell.	DECEMBER.	Number of days on which rain fell.	Total.	Total number of days.
VIII. Northern Karroo.	feet.	° ′	° ′	in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.	
Calvinia	3100	31 29	19 46	0·00	0	0·30	1	1·22	2	1·00	3	1·35	3	0·15	1	0·80	3	1·44	6	0·29	1	0·55	2	0·00	0	0·00	0	7·10	22
Middle Post	..	31 58	20 8	0·00	0	0·32	1	2·34	5	1·29	4	0·93	6	0·02	0	0·18	3	0·37	3	0·07	1	0·38	7	0·00	0	0·00	0	5·90	30
Brandvley	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0·32	3	0·18	2	..	..
Sutherland..	4776	32 25	20 40	0·03	1	0·49	1	2·55	5	1·29	6	0·93	5	0·08	1	0·93	6	0·55	5	0·13	1	1·94	7	0·34	1	0·07	1	9·33	40
Fraserburg Gaol	4200	31 54	21 31	0·41	2	2·02	6	0·86	5	0·82	5	1·25	6	0·00	0	0·26	4	0·35	4	0·00	0	0·92	5	0·25	2	0·07	1	7·21	40
Fraserburg..	..	..	..	0·48	3	1·84	5	1·28	6	0·85	5	1·29	6	0·00	0	0·29	4	0·38	4	0·04	1	0·92	4	0·33	2	0·07	1	7·77	41
Good Hope, Fraserburg ..	..	..	..	..	..	..	..	..	..	..	..	..	..	0·00	0	0·11	1	0·35	3	0·07	1	0·58	4	0·19	2	0·10	1	..	..
Carnarvon	4060	30 56	22 6	0·41	2	2·34	4	1·54	2	0·32	2	0·95	2	0·08	1	0·06	1	0·21	2	0·00	0	0·00	0	0·49	2	0·29	1	6·69	19
Doorgravefontein	4600	31 0	22 2	0·96	2	3·59	4	1·70	3	0·80	2	1·91	2	0·00	0	0·00	0	0·00	0	0·33	1	0·65	2	0·33	1	0·00	0	10·27	17
Victoria West	4100	31 27	23 4	0·93	4	1·89	8	1·96	7	1·30	6	1·76	6	0·00	0	0·23	2	0·34	2	0·08	1	0·92	5	1·03	6	0·50	3	10·94	50
Brakfontein	3947	31 52	23 0	0·91	4	1·72	7	2·66	6	1·20	5	0·81	5	0·00	0	0·32	1	0·94	7	0·12	1	0·18	2	0·59	6	0·44	1	9·89	42
Wagenaar's Kraal ..	4500	31 50	22 40	1·38	3	2·81	8	1·97	8	0·96	3	1·47	5	0·00	0	0·53	1	0·51	6	0·13	1	0·10	2	0·66	4	0·35	1	10·87	42
Murraysburg	3800	32 0	23 45	0·95	3	2·18	8	1·69	3	2·48	8	1·64	6	0·00	0	0·43	2	1·29	10	0·00	0	0·47	4	0·67	4	0·58	2	12·38	50
Britstown	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0·77	1	0·69	1	0·00	0	0·45	3	0·56	4	0·33	4	..	..
Richmond	4700	31 25	23 54	0·90	3	3·21	7	1·81	5	1·18	5	2·36	5	0·00	0	1·98	3	0·81	5	0·00	0	0·33	3	1·29	4	1·07	4	14·94	44
Hanover	4500	31 1	24 22	0·64	3	1·99	12	1·94	7	1·56	7	2·15	5	0·00	0	1·95	5	1·29	5	0·00	0	0·56	3	1·04	4	0·30	2	16·42	53
Philip's Town	4500	30 25	24 23	0·50	1	2·02	4	0·70	1	2·08	4	2·70	3	0·00	0	2·63	3	1·51	4	0·00	0	0·64	1	0·76	2	0·77	4	14·31	27
Philip's Town Gaol ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0·51	4	0·74	2	0·77	4	..	..
Colesberg	4400	30 43	25 5	0·77	7	4·59	10	1·50	8	1·68	11	2·32	6	0·05	1	2·00	4	0·91	6	0·00	0	0·35	3	0·62	5	1·18	6	15·97	67
Colesberg Bridge	3600	30 30	25 13	0·65	2	5·28	8	1·69	5	2·00	5	1·35	4	0·00	0	1·20	3	0·88	4	0·00	0	0·26	2	1·22	4	0·53	2	15·06	39
Middelburg..	4000	31 33	24 58	0·31	2	3·81	9	2·37	6	1·64	6	0·76	2	0·00	0	2·21	5	1·88	8	0·01	0	0·35	3	1·03	4	0·03	1	14·40	46
Do. De Puts ..	..	..	..	0·39	1	2·40	6	1·96	3	1·05	5	0·62	2	0·00	0	2·34	3	1·39	7	0·00	0	0·00	0	0·65	2	0·00	0	10·80	29
Do. The Willows ..	..	..	..	0·18	2	3·79	9	1·70	5	1·85	9	1·49	3	0·04	1	2·08	5	2·55	7	0·00	0	0·41	4	1·15	3	0·14	2	15·38	50
Do. Tafelberg Hall	4000	31 35	25 10	0·15	2	3·28	4	1·42	5	1·60	3	0·00	0	0·29	2	3·82	5	0·62	3	0·00	0	0·00	0	1·35	3	0·40	3	12·93	30
Steynsburg	5000	32 21	25 49	0·90	8	5·46	13	1·68	5	1·91	6	1·70	5	0·10	1	3·26	4	1·87	9	0·00	0	0·00	0	0·32	2	0·86	4	18·06	57
Do. Gaol	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0·10	1	0·15	1	0·18	2	..	..
Varsch Vley	5400	31 40	25 48	0·34	5	2·51	7	1·09	3	1·26	7	1·03	5	0·00	0	2·54	3	1·84	8	0·00	0	0·20	1	0·50	1	0·00	0	11·31	40
Vley Plaats, Murraysburg	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0·86	4	0·00	0	0·40	1	0·45	1	1·26	2	..	..

RAINFALL RETURN—1887.

STATION.	Approximate Height above sea.	South Latitude.	East Longitude.	JANUARY.	Number of days on which rain fell.	FEBRUARY.	Number of days on which rain fell.	MARCH.	Number of days on which rain fell.	APRIL.	Number of days on which rain fell.	MAY.	Number of days on which rain fell.	JUNE.	Number of days on which rain fell.	JULY.	Number of days on which rain fell.	AUGUST.	Number of days on which rain fell.	SEPTEMBER.	Number of days on which rain fell.	OCTOBER.	Number of days on which rain fell.	NOVEMBER.	Number of days on which rain fell.	DECEMBER.	Number of days on which rain fell.	Total.	Total number of days.
VIII. Northern Karroo.—*continued.*	feet.	° ′	° ′	in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.	
Cradock Gaol	2856	32 11	25 38	0·30	2	5·41	10	2·93	8	1·66	7	0·57	4	0·00	0	2·37	4	1·68	7	0·00	0	0·24	1	1·82	3	0·90	3	18·18	49
Cradock	..	..	..	0·48	5	4·84	10	2·37	9	1·88	8	0·75	5	0·02	0	2·31	4	1·72	8	0·00	0	0·14	1	1·99	5	0·84	4	17·34	59
Witmoss	2396	32 30	25 45	1·22	5	4·01	7	3·46	5	1·85	5	0·60	2	0·00	0	2·60	2	1·71	6	0·00	0	0·55	2	2·74	7	0·48	1	19·22	42
Tarkastadt	4300	32 0	26 15	1·23	4	3·74	12	1·55	11	1·38	6	1·38	8	0·03	1	3·19	6	2·92	11	0·00	0	0·86	5	1·62	5	1·34	7	19·24	76
Dagga Boer's Nek ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0·87	6	3·84	9	1·40	4	..	..
Stonehills	..	..	..	0·57	3	3·29	9	2·55	8	0·89	6	0·85	4	0·05	1	2·73	6	1·87	8	0·00	0	0·18	2	1·16	5	1·19	5	15·33	57
Naauwpoort	4884	31 15	25 10	0·34	4	4·09	12	1·08	5	1·04	6	1·37	5	0·03	1	2·35	4	1·33	5	0·00	0	0·12	1	1·35	1	1·01	7	14·11	51
IX. Northern Border.																													
Pella	1800	29 4	19 12	0·00	0	0·20	1	1·07	2	0·67	2	0·85	2	0·47	1	0·00	0	0·06	1	0·00	0	0·00	0	0·24	1	0·00	0	3·56	10
Kenhardt	2700	29 37	21 10	0·00	0	1·55	4	0·95	2	0·60	3	0·87	4	0·30	1	0·24	2	0·00	0	0·00	0	0·15	1	0·70	2	0·00	0	5·36	19
Upington	2800	28 38	21 20	0·00	0	0·81	3	0·00	0	1·13	4	0·68	2	0·47	2	0·00	0	0·00	0	0·00	0	0·20	1	2·87	3	0·00	0	6·16	15
Prieska	3300	29 40	22 40	0·51	3	2·55	8	1·71	6	1·25	6	1·14	3	0·63	1	0·78	4	0·09	1	0·00	0	0·88	3	1·59	3	0·49	2	11·62	40
Hopo Town	3600	29 40	24 10	4·23	5	4·35	9	2·44	4	1·90	6	1·96	3	0·30	1	1·52	2	1·29	4	0·02	0	0·95	3	0·69	3	1·24	4	20·89	44
Do. Railway Bridge	3520	29 42	24 20	..	..	2·78	5	1·30	2	1·17	3	..	..	0·36	1	1·26	3	2·25	2	0·00	0	0·29	4	0·56	2	0·00	0	..	..
Do. Bridge.. ..	3400	29 42	24 5	2·08	3	4·64	10	1·12	6	2·12	7	1·59	3	0·91	2	0·88	2	1·95	3	0·07	1	0·18	2	0·84	5	0·49	4	16·87	48
Avoca, Herbert	..	28 58	23 47	0·96	3	4·34	10	1·15	7	1·95	6	2·70	2	1·17	4	0·42	3	0·33	3	0·00	0	0·34	3	1·04	4	2·69	9	17·09	54
Douglas	3500	29 1	23 44	1·36	6	4·11	12	2·59	9	2·38	7	2·31	4	1·03	3	1·03	3	0·21	3	0·00	0	0·62	4	1·63	6	2·06	8	19·33	65
Kimberley Gaol	4050	28 43	24 46	1·33	8	2·95	8	1·74	6	1·25	7	1·79	4	1·08	2	0·64	2	0·60	1	0·02	0	0·98	6	0·86	5	4·09	7	17·33	56
Kimberley (Lee)	..	..	..	1·42	9	3·11	8	2·14	8	1·39	8	1·94	4	0·56	1	1·39	2	0·70	3	0·11	2	0·99	5	1·00	7	4·08	7	18·83	64
Kimberley, L. & S. A. Ex. Co.	..	..	..	1·36	9	1·22	8	2·87	10	1·77	8	2·34	5	0·73	1	1·79	3	0·73	4	0·10	2	1·10	6	1·22	7	4·81	9	23·04	72
Barkly West	3700	28 30	24 34	1·10	9	4·71	11	2·53	10	1·51	10	2·36	4	1·25	2	1·22	3	0·26	3	0·07	1	1·15	5	1·57	7	6·80	12	24·53	77
Newlands, Barkly West ..	..	28 20	24 10	1·41	5	3·50	12	1·48	8	2·17	9	2·15	3	1·52	3	0·70	2	0·04	1	0·00	0	1·67	3	1·59	6	4·74	10	20·97	62
Groot Boetsap	..	..	..	0·74	5	4·92	10	3·12	9	2·13	9	1·79	5	1·35	1	1·00	2	0·23	3	0·02	0	0·49	4	1·72	6	7·00	10	24·51	64
Campbell	4100	28 50	23 40	0·84	5	4·27	9	0·71	3	0·99	6	1·83	3	0·98	2	0·89	3	0·33	4	0·00	0	0·15	2	1·87	6	2·67	8	15·53	51

RAINFALL RETURN—1887.

STATION.	Approximate Height above sea.	South Latitude.	East Longitude.	JANUARY.	Number of days on which rain fell.	FEBRUARY.	Number of days on which rain fell.	MARCH.	Number of days on which rain fell.	APRIL.	Number of days on which rain fell.	MAY.	Number of days on which rain fell.	JUNE.	Number of days on which rain fell.	JULY.	Number of days on which rain fell.	AUGUST.	Number of days on which rain fell.	SEPTEMBER.	Number of days on which rain fell.	OCTOBER.	Number of days on which rain fell.	NOVEMBER.	Number of days on which rain fell.	DECEMBER.	Number of days on which rain fell.	Total.	Total number of days.
IX. NORTHERN BORDER.—*continued.*	feet.	° ′	° ′	in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.	
Van Wyk's Vley	3300	30 24	21 49	0·24	..	3·67	..	1·56	..	0·62	..	1·05	..	0·17	..	0·15	..	0·20	..	0·05	..	0·33	..	0·16	..	0·23	..	8·43	..
Marcus Dam	..	..	..	..	..	3·46	..	1·59	..	0·10	..	1·10	..	0·00	..	0·00	..	0·00	..	0·00	..	0·16	..	0·72	..	0·30	..	..	..
Paarde Vlei	..	..	..	..	..	2·06	..	..	..	..	..	0·65	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Griqua Town	..	28 48	23 8	1·16	5	2·62	14	0·94	6	2·04	7	1·95	4	0·67	2	1·41	3	0·82	2	0·00	0	0·43	3	1·91	6	0·87	5	14·82	57
British Bechuanaland.																													
Vryburg	..	..	..	2·22	5	1·09	8	1·73	11	1·72	7	1·13	3	1·46	1	0·17	2	0·70	4	0·05	1	1·14	3	3·41	9	2·98	5	23·80	59
X. SOUTH EAST.																													
Alicedale	910	33 20	26 4	1·71	4	0·98	7	1·62	4	2·48	10	1·09	5	0·39	1	0·86	3	3·11	7	0·31	1	0·82	8	3·54	9	0·43	1	17·34	60
Atherstone	2250	33 20	26 25	1·45	6	2·63	4	1·63	8	2·42	11	1·23	4	0·58	1	1·29	6	3·89	9	0·39	5	1·43	8	5·03	13	1·29	7	23·26	82
Graham's Town Gaol ..	1800	32 20	26 33	1·62	5	1·98	14	1·82	8	2·36	11	1·50	5	0·51	1	1·29	5	4·76	10	0·76	4	1·84	9	6·62	15	1.21	6	29·30	93
Graham's Town Hospital ..	1851	..	..	1·68	5	3·89	12	1·89	7	2·19	12	1·37	3	0·51	1	1·14	4	4·50	10	0·60	3	1·66	9	6·53	16	0·97	6	26·81	88
Port Alfred	31	33 34	26 54	1·27	5	1·02	11	1·17	5	2·82	10	1·03	3	1·87	1	2·63	6	8·29	11	0·25	2	1·95	7	1·87	10	1·07	7	28·21	78
Salem	500	33 30	26 33	1·20	6	2·17	8	0·86	3	2·57	8	1·16	3	0·32	1	0·74	2	3·76	9	0·38	3	1·31	7	1·60	10	1·06	6	20·13	66
Alexandria	..	33 40	26 25	1·58	5	8·52	7	0·73	4	3·18	8	1·49	5	0·79	1	2·47	5	6·81	10	1·20	2	1·38	4	5·19	8	2·00	5	35·37	64
Peddie	500	33 13	27 7	2·12	5	2·89	9	1·92	5	1·63	8	2·04	6	1·02	1	2·27	5	6·82	9	0·31	4	0·85	4	4·74	7	0·92	4	27·53	67
Cullendale, Bedford ..	..	32 43	26 20	1·75	7	4·21	14	3·86	12	3·42	9	0·69	5	0·48	2	1·98	4	1·59	8	0·04	1	1·59	7	3·76	10	0·98	3	24·35	82
Fair Holt, Glen Lynden ..	..	..	..	1·01	3	2·52	7	3·01	6	2·92	4	1·02	4	1·02	2	2·53	4	2·28	7	0·00	0	0·44	2	3·43	4	1·20	3	21·38	46
Bedford	2450	32 44	26 7	2·44	4	4·30	12	3·75	10	2·61	7	1·36	4	0·46	2	3·05	5	1·58	9	0·19	3	1·78	8	4·68	13	1·59	5	27·79	82
Fort Beaufort Gaol ..	1500	32 46	26 37	2·40	7	3·55	14	3·54	8	3·30	10	1·06	4	0·33	2	2·46	5	2·54	8	0·40	3	1·32	8	3·81	9	0·90	5	25·61	83
Fort Beaufort	1700	..	..	2·33	8	3·75	13	2·27	11	3·04	10	0·96	6	0·30	2	2·39	4	2·47	8	0·45	3	1·28	7	3·90	11	0·81	4	23·95	87
Seymour	2600	32 34	26 46	3·11	6	1·48	10	3·77	11	2·34	5	1·56	3	0·55	1	3·35	4	4·12	5	0·00	0	0·80	4	4·31	5	0·00	0	28·39	54
Katberg, Lower	..	..	..	5·20	12	7·80	16	5·58	14	3·10	13	2·08	8	0·72	1	2·88	5	3·22	9	0·79	4	2·98	9	7·89	16	2·17	9	44·41	116

RAINFALL RETURN—1887.

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X. South East.—*continued.*	feet.	° ′	° ′	in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.	
Katberg, Upper	5040	32 30	26 40	8·45	..	12·06	..	9·87	..	3·10	..	3·15	..	0·50	..	3·65	..	6·88	..	2·60	..	6·40	..	17·40	..	3·15	..	77·51	..
Balfour	2103	..	..	1·94	10	5·54	13	4·30	12	2·66	10	1·38	6	0·41	2	2·65	5	3·33	11	0·30	3	1·57	9	4·40	7	0·99	5	29·47	93
Hog's Back	..	..	..	6·93	12	7·25	15	10·34	12	3·48	11	3·67	6	0·85	1	4·64	6	6·04	10	1·40	4	3·99	10	9·35	11	2·54	5	60·48	103
Bailey's Beacon	..	..	..	2·57	..	3·80	..	3·55	..	2·75	..	2·64	..	0·35	..	1·43	..	4·02	..	0·50	..	1·49	..	5·84	..	1·08	..	30·02	..
Victoria East	1700	32 47	26 51	2·27	7	3·53	9	2·86	10	3·22	8	1·75	4	0·55	1	2·28	4	3·43	7	0·08	1	1·34	6	4·73	10	0·60	7	26·64	74
Lovedale	1720	32 46	26 51	2·32	8	4·21	14	2·67	10	3·59	11	1·93	5	0·57	1	2·00	4	2·94	9	0·18	4	2·60	9	5·17	13	0·89	11	29·07	99
Perio Forest, Haynes ..	..	32 44	27 16	3·72	13	6·21	15	3·92	13	2·72	10	1·81	9	0·91	3	1·84	6	3·12	11	0·27	3	2·19	10	7·28	17	2·29	11	36·28	121
Perie, Forest Department..	..	..	..	3·41	11	6·07	16	3·97	11	3·02	10	1·42	4	0·74	1	1·57	5	2·55	6	0·42	4	2·01	7	6·14	13	7·39	4	32·71	92
Kologha, do. ..	..	..	..	3·95	12	6·27	17	4·96	14	3·36	11	1·48	5	0·76	3	1·52	4	3·38	11	0·48	5	2·66	12	6·90	19	2·01	10	37·73	123
Isidange, do. ..	..	..	..	2·61	9	8·33	15	3·76	11	2·74	10	2·43	7	0·84	2	1·72	4	8·08	10	0·57	4	2·37	11	7·68	17	2·30	12	43·43	112
King William's Town Gaol	..	32 51	27 22	2·22	8	5·10	10	2·31	8	2·45	9	1·12	6	0·62	2	1·49	5	3·47	9	0·10	1	1·18	8	5·03	11	0·53	5	25·62	82
Do. Hospital ..	1314	..	..	2·59	8	5·07	12	2·31	11	2·47	11	1·00	6	..	..	1·41	4	..	..	..	..	0·96	7	4·51	14	0·59	7	..	..
Do. Botanic Gardens	1200	..	..	2·22	8	4·64	13	2·25	14	2·52	12	1·20	9	0·57	2	1·59	6	3·80	10	0·27	4	1·18	8	5·39	14	0·62	6	26·25	106
Keiskama Hoek	..	..	..	2·42	9	4·39	11	3·15	10	2·14	11	2·14	5	0·66	2	2·75	5	4·08	9	0·27	3	1·52	9	4·68	10	2·15	9	30·35	93
East London East	104	33 2	27 55	2·24	9	4·68	16	2·65	10	3·43	10	5·10	5	1·21	4	3·48	4	7·98	12	0·61	4	2·80	9	5·91	13	1·82	10	41·91	106
East London West.. ..	20	33 2	27 56	1·54	7	3·00	16	2·78	8	5·07	11	2·81	5	0·76	2	2·92	5	6·57	9	0·19	3	1·30	8	3·85	11	0·89	7	31·68	92
Amalinda	520	32 58	27 51	1·66	4	4·46	8	2·06	5	2·88	7	2·94	2	1·10	1	2·14	2	8·42	9	..	..	..	..	..	..	..	..	..	..
Fort Jackson	1109	32 56	27 42	1·70	5	4·13	9	1·35	5	2·04	7	1·55	3	0·96	1	1·88	2	6·59	8	0·38	3	1·45	6	6·59	12	1·14	4	29·76	65
Blaney	1774	32 50	27 30	2·94	8	4·74	10	2·38	11	2·54	10	1·49	4	0·69	2	1·29	4	3·85	8	0·58	4	1·99	11	5·69	12	0·83	6	29·01	90
Evelyn Valley, Forest Department	..	..	..	10·76	18	5·92	13	13·78	21	7·15	14	3·62	9	1·10	2	4·68	5	7·70	12	1·72	7	4·78	12	13·32	18	3·73	11	78·26	142
Umnesha Drift, Forest Department	..	..	..	..	..	..	..	..	..	..	..	..	..	0·60	1	1·60	4	4·14	7	0·43	3	2·92	9	6·27	12	0·52	3	..	..
Quacu, Forest Department	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0·46	2	4·57	17	2·67	11	..	..
Kei Road	2330	32 44	27 30	3·61	11	6·70	17	3·94	10	2·46	9	1·36	4	0·86	3	1·69	6	3·58	9	0·84	4	2·21	9	5·78	14	2·85	9	35·88	105
Komgha	2060	32 35	27 52	2·73	12	4·50	16	3·46	14	2·60	8	1·03	4	0·50	2	1·71	5	4·54	10	0·74	5	1·68	8	4·82	16	3·40	13	31·71	113

RAINFALL RETURN—1887.

STATION.	Approximate Height above sea.	South Latitude.	East Longitude.	JANUARY.	Number of days on which rain fell.	FEBRUARY.	Number of days on which rain fell.	MARCH.	Number of days on which rain fell.	APRIL.	Number of days on which rain fell.	MAY.	Number of days on which rain fell.	JUNE.	Number of days on which rain fell.	JULY.	Number of days on which rain fell.	AUGUST.	Number of days on which rain fell.	SEPTEMBER.	Number of days on which rain fell.	OCTOBER.	Number of days on which rain fell.	NOVEMBER.	Number of days on which rain fell.	DECEMBER.	Number of days on which rain fell.	Total.	Total number of days.
X. South East—*continued.*	feet.	° ′	° ′	in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.	
Kabousie	2400	32 35	27 25	2·58	3	2·99	6	0·41	3	1·22	3	0·13	1	1·26	1	0·00	0	2·62	6	0·00	0	0·71	5	1·63	6	0·24	2	13·79	36
Stutterheim	2700	32 34	27 24	4·27	13	4·98	17	4·11	13	2·49	8	0·98	5	0·40	1	1·49	5	3·51	9	0·26	3	1·68	10	5·05	18	1·69	12	30·91	114
Do. Rev. Beste ..	..	..	..	3·63	11	5·21	17	4·22	14	2·43	8	0·95	4	0·37	2	1·46	4	3·25	8	0·26	2	1·95	10	4·48	18	1·74	11	29·95	109
Dohne Toll	3040	32 30	27 25	2·64	11	3·54	9	4·10	9	3·00	6	0·96	5	0·44	1	2·07	4	3·55	7	0·45	2	1·81	7	5·74	11	1·08	4	29·38	76
Thomas River	3565	32 25	27 10	3·75	8	3·02	12	3·72	12	1·50	7	0·78	3	0·28	2	1·44	4	2·77	9	0·03	1	0·70	5	3·59	10	0·93	8	22·51	81
Catheart	3900	32 15	27 10	4·16	7	6·21	11	3·16	9	2·66	12	1·67	6	0·00	0	3·03	5	2·22	5	0·00	0	1·57	9	5·43	14	2·40	11	32·51	89
Glencairn	4200	..	..	3·11	8	3·61	14	2·56	13	1·80	10	2·29	6	0·30	2	2·77	6	4·53	9	0·16	2	1·51	8	5·91	12	1·65	8	30·20	98
XI. North East.																													
Tylden	2896	32 5	27 5	2·65	7	5·42	13	1·70	8	2·09	9	1·39	4	0·09	1	3·00	6	1·75	7	0·01	0	1·23	6	2·16	5	2·50	7	23·99	73
Queenstown Gaol	3500	31 51	26 51	2·34	8	8·54	14	1·63	7	1·41	5	1·12	4	0·00	0	3·11	6	1·69	8	0·14	1	1·33	6	2·16	6	2·65	8	26·12	73
Queenstown	..	..	..	1·83	9	8·25	15	2·29	7	1·49	8	1·01	4	0·03	1	3·21	6	1·59	11	0·42	4	1·43	5	2·41	10	2·79	11	26·75	91
Thibet Park	..	..	..	1·14	4	3·08	12	1·86	9	0·83	8	1·03	7	0·50	2	1·88	5	2·68	11	0·05	1	1·09	5	1·75	3	2·62	7	18·51	74
Rooi Kraal, Queenstown..	..	31 45	26 40	2·62	9	6·32	15	2·34	9	1·23	10	1·01	6	0·04	1	2·95	5	1·11	8	0·08	2	0·48	5	1·30	7	1·35	9	20·83	86
Carnarvon Farm	5000	31 36	26 44	1·01	5	5·92	14	6·08	10	1·98	10	1·29	5	0·00	0	2·71	6	1·40	9	0·00	0	1·02	4	2·76	7	1·25	6	25·42	76
Lady Frere	..	31·45	27 25	1·98	6	4·99	14	6·93	9	1·87	9	0·47	2	0·00	0	2·82	4	1·24	7	0·06	1	0·73	5	3·42	7	1·42	7	25·93	71
Sterkstroom	4405	31 30	26 35	1·25	6	6·21	15	3·91	8	1·50	7	2·10	6	0·03	1	3·10	6	1·43	7	0·00	0	0·89	4	2·19	4	1·02	4	23·63	68
Ida Xalanga	..	31 33	27 30	1·68	9	4·76	15	6·47	9	2·38	4	0·60	4	0·35	2	2·61	4	1·34	8	0·30	1	0·83	7	4·64	8	1·19	5	27·15	76
Dordrecht	5500	31 22	27 4	2·20	7	5·71	14	3·56	8	2·65	9	0·93	5	0·00	0	2·66	4	1·46	9	0·13	1	0·89	4	3·50	7	1·11	7	24·80	75
Clifton	4500	31 30	26 33	0·81	3	7·07	12	5·59	8	1·84	7	1·76	5	0·00	0	2·81	6	1·97	9	0·09	2	1·30	5	2·91	7	1·06	5	27·21	69
Buffelsfontein	6000	31 28	26 30	1·39	9	5·90	15	3·43	9	2·10	5	1·91	6	0·00	0	3·26	4	1·76	7	0·00	0	2·01	6	3·37	7	2·05	10	27·18	78
Cyphergat	5150	31 20	26 20	0·92	5	5·07	7	0·00	0	2·14	9	1·00	3	0·06	1	3·60	6	1·78	10	0·00	0	1·12	2	2·83	10	1·53	6	20·05	59
Jamestown	5000	31 7	26 44	2·74	10	5·51	12	3·72	7	2·48	8	1·95	6	0·00	0	2·26	4	2·31	8	0·43	2	0·51	2	2·02	5	1·39	6	25·32	70
Barkly East	5831	31 2	27 35	2·36	7	7·37	13	4·26	11	3·49	8	0·97	4	0·00	0	2·60	3	..	..	0·63	2	1·55	5	1·86	5	2·93	7	..	..
Glassniven	6300	30 10	27 50	1·53	9	7·75	14	2·52	9	4·04	11	1·38	5	0·32	1	3·56	4	2·53	11	1·30	3	2·21	6	2·45	7	3·51	8	33·10	88
New England	..	31 8	27 30	1·72	6	8·16	13	3·82	9	2·54	7	2·13	4	0·24	1	1·63	4	1·54	6	0·56	2	1·93	5	3·32	7	1·83	7	29·42	71

RAINFALL RETURN—1887.

STATION.	Approximate Height above sea.	South Latitude.	East Longitude.	JANUARY.	Number of days on which rain fell.	FEBRUARY.	Number of days on which rain fell.	MARCH.	Number of days on which rain fell.	APRIL.	Number of days on which rain fell.	MAY.	Number of days on which rain fell.	JUNE.	Number of days on which rain fell.	JULY.	Number of days on which rain fell.	AUGUST.	Number of days on which rain fell.	SEPTEMBER.	Number of days on which rain fell.	OCTOBER.	Number of days on which rain fell.	NOVEMBER.	Number of days on which rain fell.	DECEMBER.	Number of days on which rain fell.	Total.	Total number of days.
XI. North East.—*continued.*	feet.	° ′	° ′	in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.	
Herschel	5110	30 36	27 7	1·19	7	7·43	12	1·51	10	4·37	8	2·57	5	1·29	1	1·60	2	2·19	7	0·81	2	1·59	7	1·67	5	2·35	8	28·57	74
Lady Grey	..	30 43	27 12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2·40	9	..	..
Aliwal North Gaol	4330	30 43	26 43	2·17	7	8·45	16	3·71	13	2·58	7	2·23	7	0·12	2	2·37	5	2·38	8	0·46	2	1·22	7	2·02	7	3·20	10	30·91	91
Aliwal North, (Brown)	..	..	..	2·15	8	7·45	15	3·91	13	2·60	8	1·97	7	0·10	1	2·28	4	2·37	9	0·43	2	1·02	6	1·85	7	2·99	10	29·12	90
Grass Ridge	4320	30 41	26 40	2·07	6	7·97	14	2·40	8	2·32	6	1·97	3	0·08	1	2·02	3	2·19	6	0·35	2	0·90	4	1·83	3	2·35	7	26·45	63
Ellesmere	..	30 40	26 20	1·00	6	7·28	14	2·41	7	1·71	5	1·88	5	0·07	1	1·80	4	1·98	8	0·14	1	0·87	3	1·88	5	2·06	7	23·08	66
Burghersdorp	4500	31 0	26 21	0·82	4	5·24	13	2·39	10	2·21	6	2·09	5	0·00	0	2·29	4	2·04	8	0·19	1	0·70	3	2·79	7	2·16	7	22·92	68
Burghersdorp Gaol	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2·17	9	0·08	1	0·64	4	2·94	6	2·37	9	..	..
Venterstadt	..	30 42	25 48	0·70	8	4·14	10	3·12	13	1·96	7	3·61	6	0·00	0	1·18	4	2·30	8	0·04	1	0·53	6	1·29	7	1·50	5	20·37	75
XII. Kaffraria.																													
Kokstadt	4455	30 30	29 25	2·74	7	5·27	14	5·41	11	1·95	4	0·77	2	0·50	1	0·50	2	2·50	3	0·50	1	0·62	4	3·04	9	3·52	9	27·32	67
Umzimkulu	2500	30 15	30 0	4·27	7	5·68	9	3·16	10	1·94	5	0·68	3	1·02	2	0·98	2	0·53	4	0·30	2	1·98	5	2·38	9	4·97	12	27·89	70
Umtata	2400	31 45	29 0	..	..	5·58	11	4·34	11	2·17	8	0·54	4	0·34	2	3·50	3	2·18	4	1·34	4	0·54	5	3·51	12	3·91	12	..	..
Main Tsomo	3000	31 47	28 4	3·75	9	5·36	16	6·09	11	2·28	7	0·49	4	0·12	1	1·11	4	2·84	8	0·36	2	1·38	6	5·59	14	3·84	9	33·21	91
Delemont	4500	31 19	28 13	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2·20	7	0·51	4	1·43	11	4·74	14	..	..	..	..
Cala	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0·66	4	2·63	7	2·25	7	..	..
Port St. John's	..	31 38	29 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5·92	7	1·68	7	2·25	14	11·09	18	5·08	12	..	..
XIII. Basutoland.																													
Maseru	..	..	..	0·74	5	8·01	13	3·87	10	3·08	9	2·30	9	0·17	2	1·76	3	1·50	8	0·63	4	1·81	8	1·52	8	5·24	14	30·63	93
Mafeteng	..	..	..	1·56	7	5·73	11	4·44	12	4·82	9	2·17	7	0·19	1	2·62	4	0·96	8	0·42	2	1·80	6	3·00	9	4·32	9	33·03	85
Leribe	..	..	..	2·10	9	3·54	12	5·86	15	2·57	9	2·70	8	0·10	2	1·20	2	1·48	4	0·16	1	1·43	8	1·79	8	4·08	11	27·01	89
Quithing	..	..	..	..	..	..	..	..	..	6·72	5	1·60	8	..	..	0·07	2	2·03	10	0·93	4	2·49	4	3·53	10	3·27	9	..	..

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XIII. ORANGE FREE STATE.	feet.	° ′	° ′	in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.		in.	
Bloemfontein	4535	28 56	26 18	1·05	6	4·65	0	2·95	12	4.17	13	1·57	6	0·02	0	1·02	2	1·11	4	0·46	2	1·39	6	0·58	4	2·47	7	21·44	71
Kroonstadt	4500	27 29	27 54	1·24	6	4·97	12	8·47	11	1·94	5	1·85	3	0·65	1	0·00	0	0·83	5	0·15	1	0·98	2	3·64	7	1·71	5	26·43	58
Ladybrand	5000	29 15	27 47	1·23	5	3·99	5	7·24	15	2·89	9	2·31	7	0·18	2	1·60	3	1·29	8	0·26	2	1·41	7	2·75	12	4·10	11	29·25	86
Hoopstadt	..	..	..	1·54	5	1·75	6	4·21	6	1·65	5	0·42	1	0·45	3	0·37	1	0·77	2	0·00	0	0·62	5	2·90	7	3·20	7	17·88	48
Winburg	..	28 35	27 10	1·88	7	4·62	9	3·36	12	3·11	9	0·98	2	0·00	0	0·95	1	1·01	3	0·00	0	1·69	5	1·40	7	4·74	8	23·74	63
Philippolis	4700	30 12	25 16	1·29	4	5·36	11	2·23	5	1·51	5	1·10	3	0·11	1	2·69	4	1·81	7	0·26	2	0·73	4	1·35	6	1·90	3	20·34	55
Jacobsdal	..	29 8	25 55	1·71	6	4·66	13	2·19	7	1·22	5	2·24	5	0·39	1	1·59	3	1·10	4	0·00	0	1·05	4	1·28	4	2·30	3	19·73	55
Smithfield	4400	30 10	26 30	1·31	5	4·16	11	0·97	5	4·53	8	1·85	5	0·00	0	1·10	4	2·25	8	0·00	0	0·65	1	1·99	6	3·35	5	22·16	58
Harrismith	5200	28·20	25 51	0·37	2	4·58	8	6·05	9	2·56	7	0·73	4	0·65	1	0·00	0	0·61	4	0·25	1	0·47	2	3·15	5	4·97	8	24·39	51
Mayfield's, Rouxville ..	..	..	..	1·84	6	1·87	12	2·81	9	3·72	9	2·78	7	0·20	1	2·46	4	1·92	8	0·43	2	1·29	6	1·59	7	4·62	10	25·53	81
Bethulie	..	30 30	25 25	0·62	2	4·44	10	1·58	4	0·83	3	1·72	5	0·00	0	1·30	4	2·11	7	0·20	2	0·65	3	1·49	6	1·99	6	16·93	52